

Full time power. Non stop happiness.

V-Guard Inverter & Battery.



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Synergy Smart Series



AN INVERTER WITH MANY SMART FEATURES

Synergy Smart 1150



Speciality

- Smart mobile phone App.
- Monitoring and control of DUPS through Wi-Fi and Bluetooth.
- Voice controlled through Amazon Alexa & Google Home.
- Monitor daily solar consumption.
- Equipped with inbuilt high efficiency charge controller with 640 Wp solar panel compatibility.
- Digital Signal Controller based design for Pure Sinewave output.
- Selectable charging mode for different battery technologies (Tubular Battery / Flat Plate Battery / Local Battery) and capacities (80 to 230 Ah).

SL. No.	Specification	Values
1	Power Rating (VA / W)	950VA / 750W
2	Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC
4	Output Waveform (Backup Mode)	Pure Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	90V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	EQP Mode Mains Input Range in System ON Mode	140V - 260VAC ± 10V
9	Output Voltage (ON Mains Mode)	Same as Input Voltage
10	Normal Mode Transfer Time in System ON Mode	<20 mS
11	UPS Mode Transfer Time in System ON Mode	<10 mS
12	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1No Lead-Acid Battery
13	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
14	Charging Current in High Charging Mode	15A ± 1.5A DC (By Back Side Selection Switch)
15	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input
16	Short Circuit Protection	Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
17	Generator Compatibility	Provided with one retry
18	Warranty	Provided
19	Solar PV Maximum Voltage	2 Years
20	Solar PV Maximum Current	25 VOC
21	Solar PV Maximum Wattage	25 A ± 2 A
22	Applications	640 Wp
		LED TV (up to 55"), Fan, EESL LED Bulb, CFL,Tube Light, Inverter Refrigerator (up to 320 Litre), Mixer (up to 750W), Room Cooler (up to 250W), Sound Bar / Speaker System, 0.5HP Monoblock Self Prime Pump, Kitchen Chimney (up to 1200 m³/hr), Desktop Computer, DeskJet Printer, Playstation

Synergy Smart 1800



Speciality

- Smart mobile phone App.
- Monitoring and control of DUPS through Wi-Fi and Bluetooth.
- Voice controlled through Amazon Alexa & Google Home.
- Monitor daily solar consumption.
- Equipped with inbuilt high efficiency charge controller with 1280 Wp solar panel compatibility.
- Digital Signal Controller based design for Pure Sinewave output.
- Selectable charging mode for different battery technologies (Tubular Battery / Flat Plate Battery / Local Battery) and capacities (80 to 230 Ah).

SL. No.	Specification	Values
1	Power Rating (VA / W)	1550VA / 1350W
2	Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC
4	Output Waveform (Backup Mode)	Pure Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	90V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	EQP Mode Mains Input Range in System ON Mode	140V - 260VAC ± 10V
9	Output Voltage (ON Mains Mode)	Same as Input Voltage
10	Normal Mode Transfer Time in System ON Mode	<30 mS
11	UPS Mode Transfer Time in System ON Mode	≤10 mS
12	Nominal Voltage, Recommended Battery	24V, 12V / 80Ah - 230Ah, 2Nos Lead-Acid Batteries
13	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
14	Charging Current in High Charging Mode	15A ± 1.5A DC (By Back Side Selection Switch)
15	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input
16	Short Circuit Protection	Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
17	Generator Compatibility	Provided with one retry
18	Warranty	Provided
19	Solar PV Voltage	2 Years
20	Solar PV Maximum Current	35 VOC to 42 VOC
21	Solar PV Maximum Wattage	40 A ± 2 A
22	Applications	1280Wp
		Fan, CFL, Tube Light, EESL LED Bulb, LED TV (up to 65"), Inverter Refrigerator (up to 600 L), Mixer (up to 1000W), Room Cooler / Desert Cooler (up to 90L / 300W), Sound Bar / Speaker System, 1 HP Monoblock Self Prime Pump, Kitchen Chimney (up to 1200m³/hr), Desktop Computer, DeskJet Printer, Playstation.



Synergy Smart 2750



Speciality

- Monitoring and control of Solar Hybrid UPS via Wi-Fi & Bluetooth.
- Solar parameters display like Today's Saving, Yesterday's Saving and Total Saving.
- Facility to increase your fan speed by using mobile phone App.
- Additional equipment mode for critical equipment.
- Facility to increase UPS battery backup time by using mobile phone App.
- Facility to monitor load usage using App.
- Facility to save power by configuring Holiday Mode using App while going outstation.
- Digital Signal Controller based design for Pure Sinewave output.
- Equipped with inbuilt high efficiency solar charge controller with solar panel compatibility as per specification.
- Selectable charging mode for different battery technologies (Flat, Tubular & Local Battery) and capacities (80 to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Intelligent load and temperature based cooling fan operation.
- User configurable solar settings.
- User configurable UPS settings.

SL. No.	Specification	Values
1	Power Rating (VA / W)	2200VA / 1750W
2	Nominal Output Voltage at No Load in Normal Mode, 24V DC (Before Solar Connected)	240 ± 5V, 50Hz, 1P
3	Nominal Output Voltage at No Load in Power Saver Max Mode, 24V DC (Before Solar Connected)	220 ± 5V, 50Hz, 1P
4	Nominal Output Voltage at No Load in UPS Mode, 24V D	230 ± 5V, 50Hz, 1P
5	Nominal Output Voltage at No Load in Equipment Mode, 24V DC	230V ± 5VAC , Fast Changeover, Good Regulation
6	Nominal Output Voltage at No Load in High Performance Mode (Select through mobile APP.)	240V ± 5VAC
7	Output Waveform (Backup Mode)	Pure Sinewave
8	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
9	Normal Mode Mains Input Range in system ON Mode	90V - 290VAC ± 10V, 40Hz - 57Hz
10	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 46Hz - 54Hz
11	EQP Mode Mains Input Range in System ON Mode	140V - 260VAC ± 10V, 46Hz - 54Hz
12	Output Voltage (ON Mains Mode)	Same as Input Voltage
13	UPS Mode Transfer Time in System ON Mode	≤10 mS
14	Nominal Voltage, Recommended Battery	24V, 80Ah to 230Ah , lead Acid 2 Nos
15	Charging Current in Normal Charging Mode	12A ± 1.5A DC (By Back Side Selection Switch)
16	Charging Current in High Charging Mode	18A ± 2A DC (By Back Side Selection Switch)
17	Protections in Backup & Mains Mode	Input Mains Voltage Low / High Cut Off, Input Mains Frequency Low / High Cut Off, Over Temperature, Battery Over Charging
18	Generator Compatibility	Provided
19	Warranty	24 Months
20	Solar PV Maximum Voltage	35 to 50 VOC
21	Solar PV Maximum Current	50 ± 3A
22	Solar PV Maximum Wattage	1620 W
23	Applications	Fan, CFL, Tube Light, EESL LED Bulb, TV, Iron box, Refrigerator, Cooler, Mixer Grinder, Desktop Computer, DeskJet Printer, Playstation, Pump set -0.5Hp, Geyser - 1kW, Inverter AC - 0.75 Ton, Automatic Washing Machine (up to 1200 W)

Synergy Smart 3750



Speciality

- Monitoring and control of Solar Hybrid UPS via Wi-Fi & Bluetooth.
- Solar parameters display like Today's Saving, Yesterday's Saving and Total Saving.
- Facility to increase your fan speed by using mobile phone App.
- Additional equipment mode for critical equipment.
- Facility to increase UPS battery backup time by using mobile phone App.
- Facility to monitor load usage using App.
- Facility to save power by configuring Holiday Mode using App while going outstation.
- Digital Signal Controller based design for Pure Sinewave output.
- Equipped with inbuilt high efficiency solar charge controller with solar panel compatibility as per specification.
- Selectable charging mode for different battery technologies (Flat, Tubular & Local Battery) and capacities (80 to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Intelligent load and temperature based cooling fan operation.
- User configurable solar settings.
- User configurable UPS settings.

SL. No.	Specification	Values
1	Power Rating (VA / W)	3200VA / 2550W
2	Nominal Output Voltage at No Load in Normal Mode, 36V DC (Before Solar Connected)	240 ± 5V, 50Hz, 1P
3	Nominal Output Voltage at No Load in Power Saver Max Mode, 36V DC (Before Solar Connected)	220 ± 5V, 50Hz, 1P
4	Nominal Output Voltage at No Load in UPS Mode, 36V D	230 ± 5V, 50Hz, 1P
5	Nominal Output Voltage at No Load in Equipment Mode, 36V DC	230V ± 5VAC , Fast Changeover, Good Regulation
6	Nominal Output Voltage at No Load in High Performance Mode (Select through mobile APP.)	240V ± 5VAC
7	Output Waveform (Backup Mode)	Pure Sinewave
8	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
9	Normal Mode Mains Input Range in system ON Mode	90V - 290VAC, 40Hz - 57Hz
10	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 46Hz - 54Hz
11	EQP Mode Mains Input Range in System ON Mode	140V - 260VAC ± 10V, 46Hz - 54Hz
12	Output Voltage (ON Mains Mode)	Same as Input Voltage
13	UPS Mode Transfer Time in System ON Mode	≤10 mS
14	Nominal Voltage, Recommended Battery	36V, 80Ah to 230Ah , lead Acid 3 Nos
15	Charging Current in Normal Charging Mode	12A ± 1.5A DC (By Back Side Selection Switch)
16	Charging Current in High Charging Mode	18A ± 2A DC (By Back Side Selection Switch)
17	Protections in Backup & Mains Mode	Input Mains Voltage Low / High Cut Off, Input Mains Frequency Low / High Cut Off, Over Temperature, Battery Over Charging
18	Generator Compatibility	Provided
19	Warranty	24 Months
20	Solar PV Maximum Voltage	60 to 85 VOC
21	Solar PV Maximum Current	35 ± 2A
22	Solar PV Maximum Wattage	2160 W
23	Applications	Fan, CFL, Tube Light, EESL LED Bulb, TV, Iron Box, Refrigerator, Cooler, Mixer Grinder, Desktop Computer, DeskJet Printer, Playstation, Pump set -0.75Hp, Geyser - 1.5 kW, Dishwasher - 2kW, Induction Cooktop - 1.2kW, Inverter AC - 1.5 Ton, Automatic Washing Machine up to 1600Wt



Synergy Smart 4750



Speciality

- Monitoring and control of Solar Hybrid UPS via Wi-Fi & Bluetooth.
- Solar parameters display like Today's Saving, Yesterday's Saving and Total Saving.
- Facility to increase your fan speed by using mobile phone App.
- Additional equipment mode for critical equipment.
- Facility to increase UPS battery backup time by using mobile phone App.
- Facility to monitor load usage using App.
- Facility to save power by configuring Holiday Mode using App while going outstation.
- Digital Signal Controller based design for Pure Sinewave output.
- Equipped with inbuilt high efficiency solar charge controller with solar panel compatibility as per specification.
- Selectable charging mode for different battery technologies (Flat, Tubular & Local Battery) and capacities (80 to 250Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Intelligent load and temperature based cooling fan operation.
- User configurable solar settings.
- User configurable UPS settings.

SL. No.	Specification	Values
1	Power Rating (VA / W)	4200VA / 3350W
2	Nominal Output Voltage at No Load in Normal Mode, 48V DC (Before Solar Connected)	240 ± 5V, 50Hz, 1P
3	Nominal Output Voltage at No Load in Power Saver Max Mode, 48V DC (Before Solar Connected)	220 ± 5V, 50Hz, 1P
4	Nominal Output Voltage at No Load in UPS Mode, 48V DC	220 ± 5V, 50Hz, 1P
5	Nominal Output Voltage at No Load in Equipment Mode, 48V DC	230V ± 5VAC , Fast Changeover, Good Regulation
6	Nominal Output Voltage at No Load in High Performance Mode (Select through mobile APP.)	240V ± 5VAC
7	Output Waveform (Backup Mode)	Pure Sinewave
8	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
9	Normal Mode Mains Input Range in system ON Mode	90V - 290VAC, 40Hz - 57Hz
10	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 46Hz - 54Hz
11	EQP Mode Mains Input Range in System ON Mode	140V - 260VAC ± 10V, 46Hz - 54Hz
12	Output Voltage (ON Mains Mode)	Same as Input Voltage
13	UPS Mode Transfer Time in System ON Mode	≤10 mS
14	Nominal Voltage, Recommended Battery	48V, 80Ah to 230Ah , lead Acid 4 Nos
15	Charging Current in Normal Charging Mode	1.2A ± 1.5A DC (By Back Side Selection Switch)
16	Charging Current in High Charging Mode	1.8A ± 2A DC (By Back Side Selection Switch)
17	Protections in Backup & Mains Mode	Input Mains Voltage Low / High Cut Off, Input Mains Frequency Low / High Cut Off, Over Temperature, Battery Over Charging
18	Generator Compatibility	Provided
19	Warranty	24 Months
20	Solar PV Maximum Voltage	90 to 100 VOC
21	Solar PV Maximum Current	50 ± 2A
22	Solar PV Maximum Wattage	3300 W
23	Applications	Fan, CFL, Tube Light, EESL LED Bulb, TV, Iron Box, Refrigerator, Cooler, Mixer Grinder, Desktop Computer, DeskJet Printer, Playstation, Pump set - 1Hp, Geyser - 2 kW, Dishwasher - 2kW, Induction Cooktop - 1.5kW, Inverter AC - 1.5 Ton, Automatic Washing Machine (up to 2500 W)



Smart Series



AN INVERTER WITH MANY SMART FEATURES

Smart 1100



Speciality

- Smart mobile phone App.
- Run high-intensity appliances.
- Supercharge to save time.
- Turn on /off from your phone.
- Control performance levels.
- Override mains during voltage dips.
- Good quality output power.
- Select Normal / UPS Modes easily.
- Selectable charging modes for different battery technology (Flat / Tubular Battery) and capacities (80 to 230 Ah).
- Battery Gravity Builder with overcharge and deep discharge protection.

SL. No.	Specification	Values
1	Power Rating (VA / W)	900VA / 740W
2	Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC
4	Output Waveform (Backup Mode)	Pure Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	90V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<30 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1No Lead-Acid Battery
12	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	15A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (up to 600W), Room Cooler (up to 200W), LED TV (up to 49"), Inverter Refrigerator (up to 260L), Desktop Computer, Deskjet Printer, Playstation.

Smart 1350



Speciality

- Monitor UPS status and also control the operations by Android/iOS mobile App.
- Facility to increase your fan speed by using power saver max/normal switch on product.
- Facility to increase Pure Sinewave UPS battery backup time by using mobile phone App.
- Facility to monitor load usage using App.
- Facility to save power by configuring Holiday Mode using App while going outstation.
- Selectable charging mode for different battery technologies (Tubular / Flat) and capacities (80Ah to 230 Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.

SL. No.	Specification	Values
1	Power Rating (VA / W)	1000VA / 800W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 5VAC
4	Nominal Output Voltage at No Load in Power saver Max Mode at 12V DC	220V ± 5VAC
5	Output Waveform	Sine Wave
6	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
7	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 90V - 290VAC ± 10V, 43Hz - 57Hz
8	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
9	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
10	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
11	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1 No)
12	Charging Current in Normal Charging Mode at 230V	12A ± 1.5A DC (Thru Charging Selection Switch)
13	Charging Current in High Charging Mode at 230V	18A ± 1.5A DC (Thru Charging Selection Switch)
14	Protections in Backup & Mains Mode	Overload, Output short circuit, battery Low / High, Over Temperature, Feedback open, Input mains voltage low/high cutoff, Input mains frequency low/high cutoff, Over temperature, Battery over charging, Drain and feed back wire reverse.
15	Generator Compatibility	Provided
16	Warranty	24 Months
17	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (upto 600W), Room Cooler (upto 200W), LED TV (upto 49"), Inverter Refrigerator (upto 260L), Desktop Computer, Deskjet Printer, Playstation, Two-wheeler EV Charger Upto 350W.
18	Battery	12V



Smart 1650



Speciality

- Monitor UPS status and also control the operations by Android/iOS mobile App.
- Facility to increase your fan speed by using power saver max/normal switch on product.
- Facility to increase Pure Sinewave UPS battery backup time by using mobile phone App.
- Facility to monitor load usage using App.
- Facility to save power by configuring Holiday Mode using App while going outstation.
- Selectable charging mode for different battery technologies (Tubular / Flat) and capacities (80Ah to 230 Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.

SL. No.	Specification	Values
1	Power Rating (VA / W)	1300VA / 910W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 5VAC
4	Nominal Output Voltage at No Load in Power saver Max Mode at 12V DC	220V ± 5VAC
5	Output Waveform	Sine Wave
6	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
7	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 90V - 290VAC ± 10V, 43Hz - 57Hz
8	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
9	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
10	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
11	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1 No)
12	Charging Current in Normal Charging Mode at 230V	12A ± 1.5A DC (Thru Charging Selection Switch)
13	Charging Current in High Charging Mode at 230V	18A ± 1.5A DC (Thru Charging Selection Switch)
14	Protections in Backup & Mains Mode	Overload, Output short circuit, battery Low / High,Over Temperature, Feedback open, Input mains voltage low/high cutoff, Input mains frequency low/high cutoff, Over temperature, Battery over charging,Drain and feed back wire reverse.
15	Generator Compatibility	Provided
16	Warranty	24 Months
17	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (upto 900W), Room Cooler (upto 250W), LED TV (upto 55"), Inverter Refrigerator (upto 300L), Desktop Computer, Deskjet Printer, Playstation.Two wheeler EV Charger (Upto 350W)
18	Battery	12V

Smart 3750



Speciality

- Monitor UPS status and also control the operations by Android/iOS mobile App.
- Facility to increase your fan speed by using mobile phone App .
- Facility to increase Digital Sinewave UPS battery backup time by using mobile phone App.
- Percentage of load connected will be displayed at Backup mode.
- Facility to monitor load usage using App.
- Facility to save power by configuring Holiday Mode using App while going outstation.
- Selectable charging mode for different battery technologies (Tubular / Flat) and capacities (80Ah to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Facility to monitor load usage using App.
- Digital Signal Controller based design for pure sine wave output.
- Intelligent load and temperature based cooling fan operation.

SL. No.	Specification	Values
1	Power Rating (VA / W)	3200VA / 2550W
2	Nominal Output Voltage at No Load in Normal Mode, 36V DC	240V ± 5VAC
3	Nominal Output Voltage at No Load in Power Saver Max Mode, 36V DC	220V ± 5VAC
4	Nominal Output Voltage at No Load in UPS Mode, 36V DC	230V ± 5VAC
5	Nominal Output Voltage at No Load in Equipment Mode, 36V DC	230V ± 5VAC , FAST CHANGEOVER, GOOD REGULATION
6	Nominal Output Voltage at No Load in High Performance Mode (Select through mobile APP.)	240V ± 5VAC
7	Output Waveform	Pure Sinewave
8	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
9	Normal Mode Mains Input Range in system ON Mode	90V - 290VAC ± 10V, 40Hz - 57Hz
10	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 46Hz - 54Hz
11	EQP Mode Mains Input Range in System ON Mode	140V - 260VAC ± 10V, 46Hz - 54Hz
12	Output Voltage (ON Mains Mode)	Same as Input Voltage
13	UPS Mode Transfer Time in System ON Mode	<15 mS
14	Nominal Voltage, Recommended Battery	36V, 80Ah to 230Ah , lead Acid 3 Nos
15	Charging Current in Normal Charging Mode	12A ± 1.5A DC (Thru Charging Selection Switch)
16	Charging Current in High Charging Mode	18A ± 2A DC (Thru Charging Selection Switch)
17	Protections in Backup & Mains Mode	Input Mains Voltage Low / High Cut Off, Input Mains Frequency Low / High Cut Off, Over Temperature,Battery Over Charging,
18	Generator Compatibility	Provided
19	Warranty	24 Months
20	Applications	Fan, CFL, Tube Light, EESL LED Bulb, TV, Iron Box, Refrigerator, Cooler, Mixer Grinder, Desktop Computer, DeskJet Printer, Playstation, Oxygen Concentrator (Upto 10 - 15L). Pump set -0.75Hp, Geyser - 1.5 kW, Dishwasher - 2kW, Induction Cooktop - 1.2kW, Inverter AC - 1.2 Ton, Automatic Washing Machine up to 1600W.



Smart 4750



Speciality

- Monitor UPS status and also control the operations by Android/iOS mobile App.
- Facility to increase your fan speed by using mobile phone App .
- Facility to increase Digital Sinewave UPS battery backup time by using mobile phone App.
- Percentage of load connected will be displayed at Backup mode.
- Facility to monitor load usage using App.
- Facility to save power by configuring Holiday Mode using App while going outstation.
- Selectable charging mode for different battery technologies (Tubular / Flat) and capacities (80Ah to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Facility to monitor load usage using App.
- Digital Signal Controller based design for pure sine wave output.
- Intelligent load and temperature based cooling fan operation.

SL. No.	Specification	Values
1	Power Rating (VA / W)	4200VA / 3350W
2	Nominal Output Voltage at No Load in Normal Mode, 48V DC	240V ± 5VAC
3	Nominal Output Voltage at No Load in Power Saver Max Mode, 48V DC	220V ± 5VAC
4	Nominal Output Voltage at No Load in UPS Mode, 48V DC	230V ± 5VAC
5	Nominal Output Voltage at No Load in Equipment Mode, 48V DC	230V ± 5VAC , FAST CHANGEOVER, GOOD REGULATION
6	Nominal Output Voltage at No Load in High Performance Mode (Select through mobile APP.)	240V ± 5VAC
7	Output Waveform	Pure Sinewave
8	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
9	Normal Mode Mains Input Range in system ON Mode	90V - 290VAC ± 10V, 40Hz - 57Hz
10	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 46Hz - 54Hz
11	EQP Mode Mains Input Range in System ON Mode	140V - 260VAC ± 10V, 46Hz - 54Hz
12	Output Voltage (ON Mains Mode)	Same as Input Voltage
13	UPS Mode Transfer Time in System ON Mode	<15 mS
14	Nominal Voltage, Recommended Battery	48V, 80Ah to 230Ah , lead Acid 4 Nos
15	Charging Current in Normal Charging Mode	12A ± 1.5A DC (Thru Charging Selection Switch)
16	Charging Current in High Charging Mode	18A ± 2A DC (Thru Charging Selection Switch)
17	Protections in Backup & Mains Mode	Input Mains Voltage Low / High Cut Off, Input Mains Frequency Low / High Cut Off, Over Temperature,Battery Over Charging,
18	Generator Compatibility	Provided
19	Warranty	24 Months
20	Applications	Fan, CFL, Tube Light, EESL LED Bulb, TV, Iron Box, Refrigerator, Cooler, Mixer Grinder, Desktop Computer, DeskJet Printer, Playstation,Oxygen Concentrator (Upto 10 - 15L). Pump set -1Hp, Geyser - 2 kW, Dishwasher - 2kW, Induction Cooktop - 1.5kW, Inverter AC - 1.5 Ton, Automatic Washing Machine up to 2500W

Smart 8750



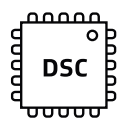
Speciality

- Monitor UPS status and also control the operations through Wi-Fi & Bluetooth using mobile App.
- Facility to increase your fan speed by using mobile phone App.
- Additional equipment mode for critical equipment.
- Facility to increase UPS battery backup time by using mobile phone App*.
- Facility to monitor load usage & live product parameters using App.
- Facility to monitor Wi-Fi signal strength in App.
- Percentage of load connected be displayed at Backup mode.
- Digital Signal Controller based design for pure sine wave output.
- Selectable charging mode for different battery technologies (Flat, Tubular & Local battery) and capacities (135 to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Intelligent load and temperature based cooling fan operation.

SL. No.	Specification	Values
1	Power Rating (VA / W)	7500VA / 6000W
2	Nominal Output Voltage at No Load in Normal Mode, 120V DC	240V ± 5VAC
3	Nominal Output Voltage at No Load in Power Saver Max Mode, 120V DC	220V ± 5VAC
4	Nominal Output Voltage at No Load in UPS Mode, 120V DC	230V ± 5VAC
5	Nominal Output Voltage at No Load in Equipment Mode, 120V DC	230V ± 5VAC , FAST CHANGEOVER, GOOD REGULATION
6	Nominal Output Voltage at No Load in High Performance Mode (Select through mobile APP.)	240V ± 5VAC
7	Output Waveform	Pure Sinewave
8	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS / Equipment Mode)
9	Normal Mode Mains Input Range in system ON Mode	90V - 290VAC ± 10V, 40Hz - 57Hz
10	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 46Hz - 54Hz
11	EQP Mode Mains Input Range in System ON Mode	140V - 260VAC ± 10V, 46Hz - 54Hz
12	Output Voltage (ON Mains Mode)	Same as Input Voltage
13	UPS Mode Transfer Time in System ON Mode	<15 mS
14	Nominal Voltage, Recommended Battery	120V, 135Ah to 230Ah, lead Acid 10 Nos.
15	Charging Current in Normal Charging Mode	12A ± 1.5A DC (Thru Charging Selection Switch)
16	Charging Current in High Charging Mode	18A ± 2A DC (Thru Charging Selection Switch)
17	Protections in Backup & Mains Mode	Input Mains Voltage Low / High Cut Off, Input Mains Frequency Low / High Cut Off, Over Temperature,Battery Over Charging,
18	Generator Compatibility	Provided
19	Warranty	24 Months
20	Applications	Fan, CFL, Tube Light, EESL LED Bulb, TV, Iron Box, Refrigerator, Cooler, Mixer Grinder, Desktop Computer, DeskJet Printer, Playstation,Oxygen Concentrator (Upto 10 - 15L). Pump set up to 2Hp/Pressure pump, Geyser - 2 kW, Dishwasher - 2kW, Induction Cooktop - 2kW, Inverter AC - 2 Ton, Automatic Washing Machine up to 2500W



Prime Series



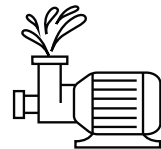
32 Bit DSC Based Design



High Inrush Load Handling



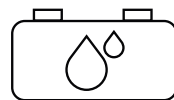
Runs Room Cooler



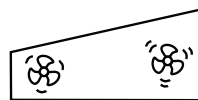
Runs monoblock pump



Battery Gravity Builder



Battery Water Topping Reminder



Normal/High Output Voltage Modes

Prime 800



Speciality

- Facility to increase your fan speed by using power saver max/normal switch on product.
- Digital Signal Controller based design for Pure Sinewave output.
- Selectable charging mode for different battery technologies (Flat/Tubular battery) and capacities (80 to 230 Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.

SL. No.	Specification	Values
1	Power Rating (VA / W)	650VA/520W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V $\pm$ 5VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V $\pm$ 5VAC
4	Nominal Output Voltage at No Load in Power saver Max Mode at 12V DC	220V $\pm$ 5VAC
5	Output Waveform	Sine Wave
6	Output Frequency	50Hz $\pm$ 0.5Hz (In Normal / UPS Mode)
7	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 90V - 290VAC $\pm$ 10V, 43Hz - 57Hz
8	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC $\pm$ 6V, 47Hz - 53Hz
9	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
10	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
11	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1No Only)
12	Charging Current in Normal Charging Mode at 230V	10A $\pm$ 1.5A DC (Thru Charging Selection Switch)
13	Charging Current in High Charging Mode at 230V	15A $\pm$ 1.5A DC (Thru Charging Selection Switch)
14	Protections in Backup & Mains Mode	Input mains voltage low / high cut off, Input mains frequency low / high cut off, Over temperature, Battery over charging, Feedback open, Drain and feed back wire reverse
15	Generator Compatibility	Provided
16	Warranty	24 Months
17	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Room Cooler (upto 180W), LED TV (upto 43").
18	Battery	12V



Prime 850



Speciality

- High inrush load handling.
- Normal/high voltage modes for different output voltage performances.
- Digital Signal Controller based design for Pure Sinewave output.
- Battery Gravity Builder with overcharge and deep discharge protections.
- Selectable charging mode for different battery technologies. (Flat / Tubular Battery) and capacities (80 to 230 Ah) using selector switch.
- Intelligent Fuzzy Logic Battery water topping reminder for water topping to avoid battery failures.
- 10-15% higher back up than any other competitor brands.

SL. No.	Specification	Values
1	Power Rating (VA / W)	750VA / 600W
2	Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC
4	Output Waveform (Backup Mode)	Pure Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	90V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1No Lead-Acid Battery
12	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	15A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (up to 450W), Room Cooler (up to 180W), LED TV (up to 43").

Prime 1000



Speciality

- Facility to increase your fan speed by using power saver max/normal switch on product.
- Digital Signal Controller based design for Pure Sinewave output.
- Selectable charging mode for different battery technologies (Flat/Tubular battery) and capacities (80 to 230 Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.

SL. No.	Specification	Values
1	Power Rating (VA / W)	850VA / 660W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 5VAC
4	Nominal Output Voltage at No Load in Power saver Max Mode at 12V DC	220V ± 5VAC
5	Output Waveform	Sine Wave
6	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
7	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 90V - 290VAC ± 10V, 43Hz - 57Hz
8	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
9	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
10	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
11	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1No Only)
12	Charging Current in Normal Charging Mode at 230V (For Tubular & Flat plate)	12A ± 1.5A DC (Thru Charging Selection Switch)
13	Charging Current in High Charging Mode at 230V (For Tubular & Flat plate)	15A ± 1.5A DC (Thru Charging Selection Switch)
14	Protections in Backup & Mains Mode	Input mains voltage low / high cut off, Input mains frequency low / high cut off, Over temperature, Battery over charging, Feedback open, Drain and feed back wire reverse
15	Generator Compatibility	Provided
16	Warranty	24 Months
17	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (upto 450W), Room Cooler (upto 180W), LED TV (upto 49").
18	Battery	12V



Prime 1050



Speciality

- High inrush load handling.
- Normal/high voltage modes for different output voltage performances.
- Digital Signal Controller based design for Pure Sinewave output.
- Battery Gravity Builder with overcharge and deep discharge protections.
- Selectable charging mode for different battery technologies (Flat / Tubular Battery) and capacities (80 to 230 Ah) using selector switch.
- Intelligent Fuzzy Logic Battery water topping reminder for water topping to avoid battery failures.
- 10-15% higher back up than any other competitor brands.

SL. No.	Specification	Values
1	Power Rating (VA/W)	900VA / 740W
2	Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC
4	Output Waveform (Backup Mode)	Pure Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	90V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<30 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1No Lead-Acid Battery
12	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	15A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (up to 600W), Room Cooler (up to 200W), LED TV (up to 49"), Inverter Refrigerator (up to 260L), Desktop Computer, Deskjet Printer.

Prime 1100



Speciality

- Facility to increase your fan speed by using power saver max/normal switch on product.
- Digital Signal Controller based design for Pure Sinewave output.
- Selectable charging mode for different battery technologies (Flat/Tubular battery) and capacities (80 to 230 Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.

SL. No.	Specification	Values
1	Power Rating (VA / W)	925VA / 740W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 5VAC
4	Nominal Output Voltage at No Load in Power saver Max Mode at 12V DC	220V ± 5VAC
5	Output Waveform	Sine Wave
6	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
7	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 90V - 290VAC ± 10V, 43Hz - 57Hz
8	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
9	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
10	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
11	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1No Only)
12	Charging Current in Normal Charging Mode at 230V (For Tubular & Flat plate)	12A ± 1.5A DC (Thru Charging Selection Switch)
13	Charging Current in High Charging Mode at 230V (For Tubular & Flat plate)	18A ± 1.5A DC (Thru Charging Selection Switch)
14	Protections in Backup & Mains Mode	Input mains voltage low / high cut off, Input mains frequency low / high cut off, Over temperature, Battery over charging, Feedback open, Drain and feed back wire reverse
15	Generator Compatibility	Provided
16	Warranty	24 Months
17	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (upto 600W), Room Cooler (upto 200W), LED TV (upto 55"), Inverter Refrigerator (upto 260L), Desktop Computer, Deskjet Printer. Two-wheeler EV charger(upto 350W)
18	Battery	12V



Prime 1250



Speciality

- Facility to increase your fan speed by using power saver max/normal switch on product.
- Digital Signal Controller based design for Pure Sinewave output.
- Selectable charging mode for different battery technologies (Flat/Tubular battery) and capacities (80 to 230 Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.

SL. No.	Specification	Values
1	Power Rating (VA / W)	1000VA / 800W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 5VAC
4	Nominal Output Voltage at No Load in Power saver Max Mode at 12V DC	220V ± 5VAC
5	Output Waveform	Sine Wave
6	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
7	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 90V - 290VAC ± 10V, 43Hz - 57Hz
8	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
9	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
10	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
11	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1No Only)
12	Charging Current in Normal Charging Mode at 230V	12A ± 1.5A DC (Thru Charging Selection Switch)
13	Charging Current in High Charging Mode at 230V	18A ± 1.5A DC (Thru Charging Selection Switch)
14	Protections in Backup & Mains Mode	Input mains voltage low / high cut off, Input mains frequency low / high cut off, Over temperature, Battery over charging, Feedback open, Drain and feed back wire reverse
15	Generator Compatibility	Provided
16	Warranty	24 Months
17	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (upto 750W), Room Cooler (upto 225W), LED TV (upto 55"), Inverter Refrigerator (upto 300L), Desktop Computer, Deskjet Printer. Two-wheeler EV charger(upto 350W)
18	Battery	12V

Prime 1450



Speciality

- High inrush load handling.
- Normal/high voltage modes for different output voltage performances.
- Digital Signal Controller based design for Pure Sinewave output.
- Battery Gravity Builder with overcharge and deep discharge protections.
- Selectable charging mode for different battery technologies (Flat / Tubular Battery) and capacities (80 to 230 Ah) using selector switch.
- Intelligent Fuzzy Logic Battery water topping reminder for water topping to avoid battery failures.
- 10-15% higher back up than any other competitor brands.

SL. No.	Specification	Values
1	Power Rating (VA/W)	1200VA / 840W
2	Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC
4	Output Waveform [Backup Mode]	Pure Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	90V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<30 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1No Lead-Acid Battery
12	Charging Current in Normal Charging Mode	12A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	17A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (up to 900W), Room Cooler (up to 250W), LED TV (up to 55"), Inverter Refrigerator (up to 300L), Desktop Computer, Deskjet Printer.



Prime 1550



Speciality

- Facility to increase your fan speed by using power saver max/normal switch on product.
- Digital Signal Controller based design for Pure Sinewave output.
- Selectable charging mode for different battery technologies (Flat/Tubular battery) and capacities (80 to 230 Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.

SL. No.	Specification	Values
1	Power Rating (VA / W)	1300VA / 910W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 5VAC
4	Nominal Output Voltage at No Load in Power saver Max Mode at 12V DC	220V ± 5VAC
5	Output Waveform	Sine Wave
6	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
7	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 90V - 290VAC ± 10V, 43Hz - 57Hz
8	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
9	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
10	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
11	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1No Only)
12	Charging Current in Normal Charging Mode at 230V (For Tubular & Flat plate)	12A ± 1.5A DC (Thru Charging Selection Switch)
13	Charging Current in High Charging Mode at 230V (For Tubular & Flat plate)	18A ± 1.5A DC (Thru Charging Selection Switch)
14	Protections in Backup & Mains Mode	Input mains voltage low / high cut off, Input mains frequency low / high cut off, Over temperature, Battery over charging, Feedback open, Drain and feed back wire reverse
15	Generator Compatibility	Provided
16	Warranty	24 Months
17	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Mixer (upto 900W), Room Cooler (upto 250W), LED TV (upto 55"), Inverter Refrigerator (upto 400L), Desktop Computer, Deskjet Printer. Two-wheeler EV charger(upto 350W)
18	Battery	12V

Prime 1650



Speciality

- Digital Signal Controller based design for pure sinewave output.
- Selectable charging mode for different battery technologies (Flat/ Tubular/Local battery) and capacities (135 to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.
- Selection switch to increase output voltage of UPS in backup mode and increase fan speed.

SL. No.	Specification	Values
1	Power Rating (VA/W)	1400VA / 1120W
2	Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC
4	Nominal Output Voltage at No Load in High Performance Mode	240V ± 5VAC
5	Output Waveform	Pure Sinewave
6	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
7	Normal Mode Mains Input Range in system ON Mode	90V - 290VAC ± 10V, 40Hz - 57Hz
8	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 46Hz - 54Hz
9	Output Voltage (ON Mains Mode)	Same as Input Voltage
10	Normal Mode Transfer Time in System ON Mode	<20 mS
11	UPS Mode Transfer Time in System ON Mode	<10 mS
12	Nominal Voltage, Recommended Battery	12V, 135Ah to 230Ah, Lead Acid (1 No.)
13	Charging Current in Normal Charging Mode	12A ± 1.5A DC (Thru Charging Selection Switch)
14	Charging Current in High Charging Mode	20A ± 2.0A DC (Thru Charging Selection Switch)
15	Protections in Backup & Mains Mode	Input mains voltage low / high cut off, Input mains frequency low / high cut off, Over temperature, Battery over charging, Feedback open, Drain and feed back wire reverse
16	Generator Compatibility	Provided
17	Warranty	24 Months
18	Applications	LED TV (Upto 55"), Fan, EESL LED Bulb, CFL, Tube Light, Inverter Refrigerator (Upto 600 Litres), Mixer (Upto 900W), Room cooler / Desert Cooler (Upto 90L / 300W), Sound bar / Speaker system, 1HP Monoblock Self Prime Pump, Kitchen Chimney (Upto 1200 m3/hr), Desktop Computer, Deskjet Printer, Playstation, 2 Wheeler EV charger(Upto 600W).



Prime 1750



Speciality

- Battery Gravity Builder with overcharge and deep discharge protections.
- Selectable charging mode for different battery technologies (Tubular Battery / Flat Plate Battery / Local Battery) and capacities (80 to 230 Ah) using selector switch.
- Fuzzy Logic based sensorless battery water topping reminder for water topping to avoid battery failures.
- Digital Signal Controller based design for Pure Sinewave.
- Selection switch to increase output voltage of UPS in backup mode and increase fan speed.

SL. No.	Specification	Values
1	Power Rating (VA / W)	1500VA / 1260W
2	Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC
4	Output Waveform (Backup Mode)	Pure Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	90V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	24V, 12V / 80Ah - 230Ah, 2Nos Lead-Acid Batteries
12	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	15A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Applications	LED TV (up to 65”), Fan, EESL LED Bulb, CFL, Tube Light, Inverter Refrigerator (up to 600 Litres), Mixer (up to 1000W), Room cooler / Desert Cooler (up to 90L / 300W), Sound bar / Speaker system, 1HP Monoblock Self Prime Pump, Kitchen Chimney (up to 1200 m³/hr), Desktop Computer, Deskjet Printer, Playstation.

Prime 2250



Speciality

- Facility to increase your fan speed by using switch on product.
- Digital Signal Controller based design for Pure Sinewave output.
- Selectable charging mode for different battery technologies (Flat/Tubular / Local battery) and capacities (80 to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.
- Long battery backup.

SL. No.	Specification	Values
1	Power Rating (VA / W)	2000VA / 1640W
2	Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC, 50Hz, 1P
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC, 50Hz, 1P
4	Nominal Output Voltage at No Load in High Performance mode	240V ± 5VAC, 50Hz, 1P
5	Output Waveform (Backup Mode)	Pure Sinewave
6	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
7	Normal Mode Mains Input Range in system ON Mode	90V - 290VAC ± 10V, 40Hz - 57Hz
8	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 46Hz - 54Hz
9	Output Voltage (ON Mains Mode)	Same as Input Voltage
10	Normal Mode Transfer Time in System ON Mode	<20 mS
11	UPS Mode Transfer Time in System ON Mode	≤10 mS
12	Nominal Voltage, Recommended Battery	24V, 80Ah to 230Ah, Lead Acid (2No.)
13	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
14	Charging Current in High Charging Mode	15A ± 1.5A DC (By Back Side Selection Switch)
	Protections in Backup & Mains Mode	Overload, Output Short Circuit, Battery Low / High, Over Temperature, Feedback Open
15	Generator Compatibility	Provided
16	Warranty	24 Months
17	Applications	Fan, CFL, Tube Light, EESL LED Bulb, LED TV (up to 65”), Mixer (up to 1200W), Room Cooler / Desert Cooler (up to 90Litre / 300W), Geyser (up to 1kW), Inverter AC (up to 1Ton), Inverter Refrigerator (up to 600 Litres), Sound bar / Speaker System, 1Hp Monoblock Self Prime Pump, Kitchen Chimney (up to 1200m³/hr), Desktop Computer, DeskJet Printer, Playstation





Nextgen Series



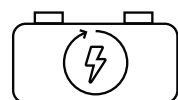
Runs Mixer
Grider



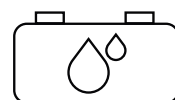
Runs
Room Cooler



Solar + Grid Charging,
with solar priority



Super Charger Charges
Battery even at 90V mains



Battery Water
Topping Reminder



Battery Gravity
Builder

Nextgen 850



Speciality

- Charges Battery from as low as 90V mains.
- True Solar UPS with In built Solar Charger suitable for 500Wp solar panels.
- Runs Juicer / Mixer/ Grinder Easily up to 450W rating.
- Good quality output power.
- Select Normal / UPS Modes easily.
- Intelligent Artificial Intelligence based battery water topping reminder.
- Battery Type Selection switch for Tubular Battery / Flat Plate Battery / Local Battery.
- Two type charging current; Power Saver Max and Normal mode to utilize panel power effectively.

SL. No.	Specification	Values
1	Power Rating (VA/W)	750VA / 600W
2	Nominal Output Voltage at No Load in Normal Mode	245V $\pm$ 8VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V $\pm$ 8VAC
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz $\pm$ 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V To 290V $\pm$ 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V $\pm$ 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	$\leq$ 10 mS
11	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1No Lead-Acid Battery
12	Charging Current in Normal Charging Mode	10A $\pm$ 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	13A $\pm$ 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Solar PV Maximum Voltage	25 VOC
19	Solar PV Maximum Current	20 A $\pm$ 2 A
20	Solar PV Maximum Wattage	500 Wp
21	Applications	Fan, CFL, Tube Light, EESL LED Bulbs, Mixer (up to 450W), Room Cooler (up to 180W) LED TV (up to 43").

Nextgen 1100



Speciality

- Charges Battery from as low as 90V mains.
- True Solar UPS with In built Solar Charger suitable for 500Wp solar panels.
- Runs Juicer / Mixer/ Grinder Easily up to 600W rating.
- Good quality output power.
- Select Normal / UPS Modes easily.
- Intelligent Artificial Intelligence based battery water topping reminder.
- Battery Type Selection Switch for Tubular Battery / Flat Plate Battery / Local Battery.
- Two type charging current; Power Saver Max and Normal mode to utilize panel power effectively.

SL. No.	Specification	Values
1	Power Rating (VA / W)	900VA / 720W
2	Nominal Output Voltage at No Load in Normal Mode	245V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 8VAC
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1No Lead-Acid Battery
12	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	15A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Solar PV Maximum Voltage	25 VOC
19	Solar PV Maximum Current	20 A ± 2 A
20	Solar PV Maximum Wattage	550 Wp
21	Applications	Fan, CFL, Tube Light, EESL LED Bulbs, Mixer (up to 600W), Room Cooler (up to 250W) LEDTV (up to 49").

Nextgen 1250



Speciality

- Charges Battery from as low as 90V mains.
- True Solar UPS with In built Solar Charger suitable for 600Wp solar panels.
- Runs Juicer / Mixer/ Grinder Easily up to 900W rating.
- Good quality output power.
- Select Normal / UPS Modes easily.
- Intelligent Artificial Intelligence based battery water topping reminder.
- Battery Type Selection switch for Tubular Battery / Flat Plate Battery / Local Battery.
- Two type charging current; Power Saver Max and Normal mode to utilize panel power effectively.

SL. No.	Specification	Values
1	Power Rating (VA / W)	1100VA / 880W
2	Nominal Output Voltage at No Load in Normal Mode	245V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 8VAC
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1No Lead-Acid Battery
12	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	15A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Solar PV Maximum Voltage	25 VOC
19	Solar PV Maximum Current	20 A ± 2 A
20	Solar PV Maximum Wattage	640 Wp
21	Applications	Fan, CFL, Tube Light, EESL LED Bulbs, Mixer (up to 900W), Room Cooler (up to 250W) LED TV (up to 55").





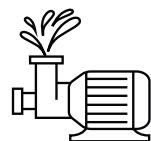
Jaadoo Series



Runs Mixer
Grinder



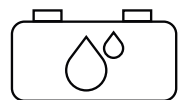
Runs
Room Cooler



Runs monoblock
pump



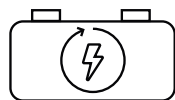
Intelligent deep
discharge protection
for battery



Battery Water
Topping Reminder



Battery Gravity
Builder



Super Charger Charges
Battery even at 90V mains

Jaadoo 60



Speciality

- Portable and sleek product.
- Solar compatible.
- Charging through solar panels up to 20W or through mains.
- Micro controller based high frequency design.
- Long beam torch light.
- Full functional UPS - change over from mains to battery mode.
- Intelligent deep discharge protection for battery.

SL. No.	Specification	Values
1	Power Rating (W)	45W
2	Max. Battery Charging Voltage (Mains)	13.8VDC $\pm$ 0.2VDC
3	Max. Battery Charging Voltage (Solar)	14VDC $\pm$ 0.2VDC
4	Output Waveform	DC
5	Output Voltage (Backup Mode)	140-230 VDC
6	Output Voltage (Line Mode)	110-280 $\pm$ 10VAC
7	Input Frequency	50 Hz $\pm$ 3 Hz
8	UPS Efficiency	>85%
9	Short Circuit Protection	Provided
10	Battery Reverse Protection	Provided
11	Panel Capacity	20W (Max.)
12	Warranty	12 Months
13	Applications	EESL LED Bulbs (4 X 9W), Mobile Charger(5V / 1.5A) / CFL (3 X 15 W)



Jaadoo 400



Speciality

- Capable to run all types of load like room coolers, mixer grinders and LED Bulbs within capacity.
- Digital Signal Controller based design with Pseudo Sinewave output.
- Selectable battery mode for different battery technologies (Tubular / Flat / Local Batteries) and capacities.
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy Logic based sensor less battery water topping reminder.
- Controlled output voltage in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	350VA / 250W
2	Nominal Output Voltage at No Load in Normal Mode	240 ± 8V, 50Hz, 1P
3	Nominal Output Voltage at No Load in UPS Mode	230 ± 8V, 50Hz, 1P
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V - 290VAC ± 10V, 43Hz - 57Hz
7	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 47Hz - 53Hz
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 65Ah to 100Ah, Lead Acid (1No.)
12	Charging Current in Normal Charging Mode	8A ± 1A DC
13	Protections in Backup & Mains Mode	Input Mains Voltage Low / High Cut Off, Input Mains Frequency Low / High Cut Off, Over Temperature, Battery Over Charging
14	Generator Compatibility	Provided
15	Warranty	12 Months
16	Applications	Fan, CFL, Tube Light, EESL LED Bulb, Personal Cooler (120W), LED TV (up to 32")

Jaadoo 700



Speciality

- Capable to run all types of load like room coolers, Mixer Grinders and LED Bulbs within capacity.
- Digital Signal Controller based design with Pseudo Sinewave output.
- Selectable battery mode for different battery technologies (Tubular / Flat / Local batteries) and capacities.
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy Logic based sensor less battery water topping reminder.
- Controlled output voltage in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	600VA / 500W
2	Nominal Output Voltage at No Load in Normal Mode	240 ± 8V, 50Hz, 1P
3	Nominal Output Voltage at No Load in UPS Mode	230 ± 8V, 50Hz, 1P
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V - 290VAC ± 10V, 43Hz - 57Hz
7	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 47Hz - 53Hz
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V,65Ah to 135Ah, Lead Acid (1No.)
12	Charging Current in Normal Charging Mode	12A ± 1.5A
13	Protections in Backup & Mains Mode	Input Mains Voltage Low / High Cut Off, Input Mains Frequency Low / High Cut Off, Over Temperature, Battery Over Charging
14	Generator Compatibility	Provided
15	Warranty	24 Months
16	Applications	FAN, CFL, Tube Light, EESL LED Bulb, Mixer(450W), Room Cooler (180W), LED TV (up to 32")



Jaadoo 750



Speciality

- Capable to run all types of load like room coolers, Mixer Grinders and LED Bulbs within capacity.
- Digital Signal Controller based design with Pseudo Sinewave output.
- Selectable battery mode for different battery technologies (Tubular / Flat / Local batteries) and capacities.
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy Logic based sensor less battery water topping reminder.
- Controlled output voltage in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	675VA / 540W
2	Nominal Output Voltage at No Load in Normal Mode	240 ± 8V, 50Hz, 1P
3	Nominal Output Voltage at No Load in UPS Mode	230 ± 8V, 50Hz, 1P
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V - 290VAC ± 10V, 43Hz - 57Hz
7	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 47Hz - 53Hz
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V,65Ah to 135Ah, Lead Acid (1No.)
12	Charging Current in Normal Charging Mode	12A ± 1.5A
13	Protections in Backup & Mains Mode	Input Mains Voltage Low / High Cut Off, Input Mains Frequency Low / High Cut Off, Over Temperature, Battery Over Charging
14	Generator Compatibility	Provided
15	Warranty	24 Months
16	Applications	FAN, CFL, Tube Light, EESL LED Bulb, Mixer(450W), Room Cooler (180W), LED TV (up to 32")

Jaadoo 800



Speciality

- Suitable for low voltage areas.
- Keeps battery healthy & provides backup.
- Runs juicer/ Mixer Grinder easily up to 600W rating.
- At least 8-10% higher backup than competitors during backup modes.
- Intelligent Artificial Intelligence based battery water topping reminder avoids battery damage & reduced life due to water drying up.
- Charges battery from as low as 90 V mains.
- Battery Gravity Builder with overcharge and deep discharge protections.
- Better fan speed than competitor products on 1-2 fan loads.
- Selectable charging mode for different battery technologies (Tubular Battery / Flat Plate Battery / Local Battery) and capacities (80 to 230 Ah).
- Digital Signal Controller based design with Pseudo Sinewave output.
- Controlled output in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	750VA / 600W
2	Nominal Output Voltage at No Load in Normal Mode	245V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 8VAC
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1Nos Lead-Acid Battery
12	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	13A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Applications	Fan,CFL, Tube Light, EESL LED Bulbs, Mixer (up to 600W), Room Cooler (up to 200W) LED TV (up to 40").



Jaadoo 850



Speciality

- Capable to run all types of load like room coolers, mixer grinders and LED Bulbs within capacity.
- Digital Signal Controller based design with Pseudo sinewave output.
- Selectable charging mode for different battery technologies (Tubular / Flat / Local batteries) and capacities (80Ah to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.
- Controlled output voltage in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	775VA / 625W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 8VAC
4	Output Waveform	Square Wave
5	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 80V - 290VAC ± 10V, 43Hz - 57Hz
7	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
8	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
9	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
10	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1 No)
11	Charging Current in Normal Charging Mode at 230V	12A ± 1.5A DC (Thru Charging Selection Switch)
12	Charging Current in High Charging Mode at 230V	16A ± 1.5A DC (Thru Charging Selection Switch)
13	Protections in Backup & Mains Mode	Over Temperature, Feedback open, Drain and feed back wire reverse, Input mains voltage low / high cut off, Input mains frequency low / high cut off, Battery over charging.
14	Generator Compatibility	Provided
15	Warranty	24 Months
16	Applications	Fan, CFL, Tube Light, EESL LED Bulbs, Mixer (Upto 600W), Room Cooler (upto 200W) LED TV (upto 40")
17	Battery	12V

Jaadoo 900



Speciality

- Capable to run all types of load like room coolers, Mixer Grinders and LED Bulbs within capacity.
- Digital Signal Controller based design with Pseudo Sinewave output.
- Selectable charging mode for different battery technologies (Tubular / Flat / Local batteries) and capacities (80Ah to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy Logic based sensor less battery water topping reminder.
- Controlled output voltage in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	850VA / 680W
2	Nominal Output Voltage at No Load in Normal Mode	245 ± 8V, 50Hz, 1P
3	Nominal Output Voltage at No Load in UPS Mode	230 ± 8V, 50Hz, 1P
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V - 290VAC ± 10V, 43Hz - 57Hz
7	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 47Hz - 53Hz
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1No.)
12	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	13A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Input Mains Voltage Low / High Cut Off, Input Mains Frequency Low / High Cut Off, Over Temperature, Battery Over Charging
15	Generator Compatibility	Provided
16	Warranty	24 Months
17	Applications	Fan, CFL, Tube Light, EESL LED Bulbs, Mixer (up to 750W), Room Cooler (up to 225W) LED TV (up to 49")



Jaadoo 950



Speciality

- Capable to run all types of load like room coolers, mixer grinders and LED Bulbs within capacity.
- Digital Signal Controller based design with Pseudo sinewave output.
- Selectable charging mode for different battery technologies (Tubular / Flat / Local batteries) and capacities (80Ah to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.
- Controlled output voltage in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	850VA / 680W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 8VAC
4	Output Waveform	Square Wave
5	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 80V - 290VAC ± 10V, 43Hz - 57Hz
7	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
8	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
9	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
10	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1 No)
11	Charging Current in Normal Charging Mode at 230V	12A ± 1.5A DC (Thru Charging Selection Switch)
12	Charging Current in High Charging Mode at 230V	16A ± 1.5A DC (Thru Charging Selection Switch)
13	Protections in Backup & Mains Mode	Over Temperature, Feedback open, Drain and feed back wire reverse, Input mains voltage low / high cut off, Input mains frequency low / high cut off, Battery over charging.
14	Generator Compatibility	Provided
15	Warranty	24 Months
16	Applications	Fan, CFL, Tube Light, EESL LED Bulbs, Mixer (Upto 750W), Room Cooler (upto 225W), LED TV (upto 49")
17	Battery	12V

Jaadoo 1050



Speciality

- Suitable for low voltage areas.
- Keeps battery healthy & provides backup.
- Runs juicer/ Mixer Grinder easily up to 750W rating.
- At least 8-10% higher backup than competitors during backup modes.
- Intelligent Artificial Intelligence based battery water topping reminder avoids battery damage & reduced life due to water drying up.
- Charges battery from as low as 90 V mains.
- Battery Gravity Builder with overcharge and deep discharge protections.
- Better fan speed than competitor products on 1-2 fan loads.
- Selectable charging mode for different battery technologies (Tubular Battery / Flat Plate Battery / Local Battery) and capacities (80 to 230 Ah).
- Digital Signal Controller based design with Pseudo Sinewave output.
- Controlled output in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	900VA / 760W
2	Nominal Output Voltage at No Load in Normal Mode	248V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 8VAC
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1Nos Lead-Acid Battery
12	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	13A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Applications	Fan,CFL, Tube Light, EESL LED Bulbs, Mixer (up to 750W), Room Cooler (up to 250W) LED TV (up to 49").



Jaadoo 1150



Speciality

- Capable to run all types of load like room coolers, mixer grinders and LED Bulbs within capacity.
- Digital Signal Controller based design with Pseudo sinewave output.
- Selectable charging mode for different battery technologies (Tubular / Flat / Local batteries) and capacities (80Ah to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.
- Controlled output voltage in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	950VA / 760W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 8VAC
4	Output Waveform	Square Wave
5	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 80V - 290VAC ± 10V, 43Hz - 57Hz
7	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
8	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
9	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
10	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1 No)
11	Charging Current in Normal Charging Mode at 230V	12A ± 1.5A DC (Thru Charging Selection Switch)
12	Charging Current in High Charging Mode at 230V	18A ± 1.5A DC (Thru Charging Selection Switch)
13	Protections in Backup & Mains Mode	Over Temperature, Feedback open, Drain and feed back wire reverse, Input mains voltage low / high cut off, Input mains frequency low / high cut off, Battery over charging.
14	Generator Compatibility	Provided
15	Warranty	24 Months
16	Applications	Fan, CFL, Tube Light, EESL LED Bulbs, Mixer (Upto 750W), Room Cooler (upto 250W), LED TV (upto 49").
17	Battery	12V

Jaadoo 1200



Speciality

- Suitable for low voltage areas.
- Keeps battery healthy & provides backup.
- Runs juicer/ Mixer Grinder easily up to 900W rating.
- At least 8-10% higher backup than competitors during backup modes.
- Intelligent Artificial Intelligence based battery water topping reminder avoids battery damage & reduced life due to water drying up.
- Charges battery from as low as 90 V mains.
- Battery Gravity Builder with overcharge and deep discharge protections.
- Better fan speed than competitor products on 1-2 fan loads.
- Selectable charging mode for different battery technologies (Tubular Battery / Flat Plate Battery / Local Battery) and capacities (80 to 230 Ah).
- Digital Signal Controller based design with Pseudo Sinewave output.
- Controlled output in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	1100VA / 880W
2	Nominal Output Voltage at No Load in Normal Mode	248V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 8VAC
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	12V, 12V / 80Ah - 230Ah, 1Nos Lead-Acid Battery
12	Charging Current in Normal Charging Mode	12A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	17A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Applications	Fan,CFL, Tube Light, EESL LED Bulbs, Mixer (up to 900W), Room Cooler (up to 250W) LED TV (up to 55").



Jaadoo 1250



Speciality

- Capable to run all types of load like room coolers, mixer grinders and LED Bulbs within capacity.
- Digital Signal Controller based design with Pseudo sinewave output.
- Selectable charging mode for different battery technologies (Tubular / Flat / Local batteries) and capacities (80Ah to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.
- Controlled output voltage in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	1000VA / 800W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 8VAC
4	Output Waveform	Square Wave
5	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 80V - 290VAC ± 10V, 43Hz - 57Hz
7	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
8	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
9	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
10	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1 No)
11	Charging Current in Normal Charging Mode at 230V	12A ± 1.5A DC (Thru Charging Selection Switch)
12	Charging Current in High Charging Mode at 230V	18A ± 1.5A DC (Thru Charging Selection Switch)
13	Protections in Backup & Mains Mode	Over Temperature, Feedback open, Drain and feed back wire reverse, Input mains voltage low / high cut off, Input mains frequency low / high cut off, Battery over charging.
14	Generator Compatibility	Provided
15	Warranty	24 Months
16	Applications	Fan, CFL, Tube Light, EESL LED (Upto 750W), Room Cooler (upto 300W), LED TV (upto 49").
17	Battery	12V

Jaadoo 1350



Speciality

- Capable to run all types of load like room coolers, mixer grinders and LED Bulbs within capacity.
- Digital Signal Controller based design with Pseudo sinewave output.
- Selectable charging mode for different battery technologies (Tubular / Flat / Local batteries) and capacities (80Ah to 230Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.
- Controlled output voltage in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA / W)	1150VA / 910W
2	Nominal Output Voltage at No Load in Normal Mode at 12V DC	240V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode at 12V DC	230V ± 8VAC
4	Output Waveform	Square Wave
5	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	Normal Mode: 80V - 290VAC ± 10V, 43Hz - 57Hz
7	UPS Mode Mains Input Range in System ON Mode	UPS Mode: 180V - 260VAC ± 6V, 47Hz - 53Hz
8	Output Voltage (ON Mains Mode)	On Mains: Same as Input (within the working range)
9	UPS Mode Transfer Time in System ON Mode	UPS mode < 10mSec
10	Nominal Voltage, Recommended Battery	12V, 80Ah to 230Ah, Lead Acid (1 No)
11	Charging Current in Normal Charging Mode at 230V	12A ± 1.5A DC (Thru Charging Selection Switch)
12	Charging Current in High Charging Mode at 230V	18A ± 1.5A DC (Thru Charging Selection Switch)
13	Protections in Backup & Mains Mode	Over Temperature, Feedback open, Drain and feed back wire reverse, Input mains voltage low / high cut off, Input mains frequency low / high cut off, Battery over charging.
14	Generator Compatibility	Provided
15	Warranty	24 Months
16	Applications	Fan, CFL, Tube Light, EESL LED Bulbs, Mixer (Upto 900W), Room Cooler (upto 300W) LED TV (upto 55").
17	Battery	12V



Jaadoo 1600



Speciality

- Capable to run all types of load like room coolers, mixer grinders and LED Bulbs within capacity.
- Digital Signal Controller based design with pseudo sinewave output.
- Selectable charging mode for different battery technologies (Tubular/Flat/Local batteries) and capacities (135 Ah to 230 Ah).
- Battery Gravity Builder with overcharge and deep discharge protections.
- Fuzzy logic based sensor less battery water topping reminder.
- Battery charging starts from 95V mains voltage.

SL. No.	Specification	Values
1	Power Rating (VA/W)	1400VA / 1120W
2	Nominal Output Voltage at No Load in Normal Mode	240V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 8VAC
4	Output Waveform	Pseudo Sinewave
5	Output Frequency	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V - 290VAC ± 10V, 40Hz - 57Hz
7	UPS Mode Mains Input Range in System ON Mode	180V - 260VAC ± 6V, 46Hz - 54Hz
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤ 10mSec
11	Nominal Voltage, Recommended Battery	12V, 135Ah to 230Ah, Lead Acid (1 No.)
12	Charging Current in Normal Charging Mode	12A ± 1.5A DC (Thru Charging Selection Switch)
13	Charging Current in High Charging Mode	20A ± 2.0A DC (Thru Charging Selection Switch)
14	Protections in Backup & Mains Mode	Input mains voltage low / high cut off, Input mains frequency low / high cut off, Over temperature, Battery over charging, Feedback open, Drain and feed back wire reverse
15	Generator Compatibility	Provided
16	Warranty	24 Months
17	Applications	Fan, CFL, Tube Light, LED TV (Upto 65"), EESL LED Bulb, Mixer (Upto 900W), Desert Cooler (Upto 90L / 300W), Inverter Refrigerator (Upto 600L), Monoblock self prime water Pump upto 1 HP, Kitchen Chimney (Upto 1200m /hr)

Jaadoo 1650



Speciality

- Suitable for low voltage areas.
- Keeps battery healthy & provides backup.
- Runs juicer/ Mixer Grinder easily up to 1000W rating.
- At least 8-10% higher backup than competitors during backup modes.
- Intelligent Artificial Intelligence based battery water topping reminder avoids battery damage & reduced life due to water drying up.
- Charges battery from as low as 95 V mains.
- Battery Gravity Builder with overcharge and deep discharge protections.
- Better fan speed than competitor products on 1-2 fan loads.
- Selectable charging mode for different battery technologies (Tubular Battery / Flat Plate Battery / Local Battery) and capacities (80 to 230 Ah).
- Digital Signal Controller based design with Pseudo Sinewave output.
- Controlled output in UPS mode.

SL. No.	Specification	Values
1	Power Rating (VA/W)	1500VA / 1260W
2	Nominal Output Voltage at No Load in Normal Mode	240V ± 8VAC
3	Nominal Output Voltage at No Load in UPS Mode	230V ± 8VAC
4	Output Waveform (Backup Mode)	Pseudo Sinewave
5	Output Frequency (Backup Mode)	50Hz ± 0.5Hz (In Normal / UPS Mode)
6	Normal Mode Mains Input Range in system ON Mode	80V To 290V ± 10V
7	UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 6V
8	Output Voltage (ON Mains Mode)	Same as Input Voltage
9	Normal Mode Transfer Time in System ON Mode	<20 mS
10	UPS Mode Transfer Time in System ON Mode	≤10 mS
11	Nominal Voltage, Recommended Battery	24V, 12V / 80Ah - 230Ah, 2Nos Lead-Acid Batteries
12	Charging Current in Normal Charging Mode	10A ± 1.5A DC (By Back Side Selection Switch)
13	Charging Current in High Charging Mode	15A ± 1.5A DC (By Back Side Selection Switch)
14	Protections in Backup & Mains Mode	Over Load, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/high, Mains Input Frequency Low/high Cut Off, Mains RCB Trip, Heat Sink Over Temperature, Battery Over Charging
15	Short Circuit Protection	Provided with one retry
16	Generator Compatibility	Provided
17	Warranty	2 Years
18	Applications	Fan, CFL, Tube Light, LED TV (up to 65"), EESL LED Bulb, Mixer (up to 950W), Desert Cooler (up to 90L / 300W), Inverter Refrigerator (up to 600L), Monoblock water Pump up to 1 HP, Kitchen Chimney (up to 1200m³/hr),





Batteries

V-Guard very low maintenance battery which is designed for demanding home UPS applications has the distinctive advantage of requiring less topping up from the date of sale.

The spines & grids of the battery are casted with innovative alloy and its thick, modified plates ensure long life and greater reliability.

Speciality

- Up to 40% extra backup.
- Long service life.
- Tubular positive plates for excellent corrosion resistance & long life.
- Heavy duty plates with excellent cycle life.
- Low rate of self discharge.
- Robust & aesthetically superior PPCP container.
- Stronger, sturdier & attractive packaging.
- Deep cycle design.



VJ 75

Specification

Capacity	50Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	1 Hrs 20 Mins
Dimension of Battery	mm ± 5%
Length	412 mm
Width	174 mm
Height	240 mm
Weight of battery	Kg ± 5%
Filled weight	22 Kg
Gross weight	22.8 Kg
Acid Volume (± 2 Ltrs)	7.8 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	425 mm x 190 mm x 265 mm (Lx B x H)
Standard warranty	24 months
Pro-Rated warranty	24 months



VJ 100

Specification

Capacity	80Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	1 Hrs 25 Mins
Dimension of Battery	mm ± 5%
Length	412 mm
Width	176 mm
Height	280 mm
Weight of battery	Kg ± 5 %
Filled weight	27.3 Kg
Gross weight	28.1 Kg
Acid Volume (± 2 Ltrs)	10.2 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	425 mm x 190 mm x 310 mm (Lx B xH)
Standard warranty	24 months
Pro-Rated warranty	24 months





VJ 120

Specification

Capacity	100Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	1 Hrs 35 Mins
Dimension of Battery	mm ± 5%
Length	505 mm
Width	220 mm
Height	285 mm
Weight of battery	Kg ± 5 %
Filled weight	38 Kg
Gross weight	39.5 Kg
Acid Volume (± 2 Ltrs)	15 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	535 mm x 235 mm x 320 mm (Lx B xH)
Standard warranty	24 months
Pro-Rated warranty	24 months



VJ 145

Specification

Capacity	135Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	2 Hrs 20 Mins
Dimension of Battery	mm ± 5%
Length	505 mm
Width	220 mm
Height	285 mm
Weight of battery	Kg ± 5 %
Filled weight	42 Kg
Gross weight	43.5 Kg
Acid Volume (± 2 Ltrs)	16 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	535 mm x 235 mm x 320 mm (Lx B x H)
Standard warranty	25 months
Pro-Rated warranty	25 months



VJ 160

Specification

Capacity	150Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	2 Hrs 45 Mins
Dimension of Battery	mm ± 5%
Length	505mm
Width	220mm
Height	285mm
Weight of battery	Kg ± 5%
Filled weight	43.5Kg
Gross weight	45Kg
Acid Volume (± 2 Ltrs)	15 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	535 mm x 235 mm x 320 mm (Lx B x H)
Standard warranty	25 months
Pro-Rated warranty	25 months



VJ 165

Specification

Back-up time in hours with 400W bulb load	2 Hrs 15 Mins
Application	Digital UPS / UPS / etc.
Dimension of Battery	mm ± 5%
Length	505 mm
Width	220 mm
Height	285 mm
Weight of battery	Kg ± 5 %
Filled weight	40.5 Kg
Gross weight	42 Kg
Acid Volume (± 2 Ltrs)	13.8 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	535 mm x 235 mm x 320 mm (Lx B xH)
Standard warranty	24 months
Pro-Rated warranty	24 months





VS160Dlx

Specification

Capacity	150Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	2 Hrs 45 Mins
Dimension of Battery	mm ± 5%
Length	518 mm
Width	275 mm
Height	248 mm
Weight of battery	Kg ± 5%
Filled weight	51.5Kg
Gross weight	53Kg
Acid Volume (± 2 Ltrs)	19.5 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	545 mm x 285 mm x 325 mm (Lx B x H)
Standard warranty	36 months
Pro-Rated warranty	24 months



VT 115D

Specification

Capacity	105Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	1 Hrs 40 Mins
Dimension of Battery	mm ± 5%
Length	515 mm
Width	213 mm
Height	260 mm
Weight of battery	Kg ± 5 %
Filled weight	36 Kg
Gross weight	37.5 Kg
Acid Volume (± 2 Ltrs)	12 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	530 mm x 230mm x 320 mm (Lx B x H)
Standard warranty	30 months
Pro-Rated warranty	18 months



VT 120

Specification

Capacity	110Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	1 Hrs 45 Mins
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg± 5 %
Filled weight	49 Kg
Gross weight	50.5 Kg
Acid Volume (± 2 Ltrs)	23 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B x H)
Standard warranty	36 months
Pro-Rated warranty	24 months



VT 150D

Specification

Capacity	140Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	2 Hrs 40 Min
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	52.5 Kg
Gross weight	54 Kg
Acid Volume (± 2 Ltrs)	21 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	36 months
Pro-Rated warranty	24 months



VT 155D

Specification

Capacity	152Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	2 Hrs 40 Mins
Dimension of Battery	mm ± 5%
Length	505mm
Width	190mm
Height	415mm
Weight of battery	Kg ± 5 %
Filled weight	52.5 Kg
Gross weight	54 Kg
Acid Volume (± 2 Ltrs)	21 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	24 months
Pro-Rated warranty	24 months



VT 165

Specification

Capacity	152Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	2 Hrs 50 Mins
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	54 Kg
Gross weight	55.5 Kg
Acid Volume (± 2 Ltrs)	20 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	36 months
Pro-Rated warranty	24 months



VT 165D

Specification

Capacity	152Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	2 Hrs 50 Mins
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	55 Kg
Gross weight	56.5 Kg
Acid Volume (± 2 Ltrs)	20 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	42 months
Pro-Rated warranty	30 months



VT 165S

Specification

Capacity	154Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	2 Hrs 45 Mins
Dimension of Battery	mm ± 5%
Length	505mm
Width	190mm
Height	415mm
Weight of battery	Kg ± 5 %
Filled weight	54 Kg
Gross weight	55.5 Kg
Acid Volume (± 2 Ltrs)	20 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	30 months
Pro-Rated warranty	24 months





VT 165 Eco

Specification

Capacity	152Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	2 Hrs 40 Mins
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	52.5 Kg
Gross weight	54 Kg
Acid Volume (± 2 Ltrs)	21 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	18 months
Pro-Rated warranty	18 months



VT 170

Specification

Capacity	160Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	3 Hrs
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	55 Kg
Gross weight	56.5 Kg
Acid Volume (± 2 Ltrs)	20 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	36 months
Pro-Rated warranty	24 months



VT 170Dix

Specification

Capacity	155Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	3 Hrs
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	55 Kg
Gross weight	56.5 Kg
Acid Volume (± 2 Ltrs)	20 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	48 months
Pro-Rated warranty	36 months



VT 185

Specification

Capacity	165Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	3 Hrs
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5%
Filled weight	55Kg
Gross weight	56.5Kg
Acid Volume (± 2 Ltrs)	20 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B x H)
Standard warranty	36 months
Pro-Rated warranty	24 months





VT 185Dlx

Specification

Capacity	165Ah C10@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	3 Hrs 45 Mins
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	56.5 Kg
Gross weight	58 Kg
Acid Volume (± 2 Ltrs)	20.4 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	60 months
Pro-Rated warranty	40 months



VT 200

Specification

Capacity	200Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	4 Hrs
Dimension of Battery	mm ±5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	61 Kg
Gross weight	62.5 Kg
Acid Volume (± 2 Ltrs)	19 Lts
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	36 months
Pro-Rated warranty	24 months



VT 200S

Specification

Capacity	200 Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	4 Hrs
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	58.5 Kg
Gross weight	60 Kg
Acid Volume (± 2 Ltrs)	20 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	24 months
Pro-Rated warranty	24 months



VT 250

Specification

Capacity	230Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	5 Hrs
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	63 Kg
Gross weight	64.5 Kg
Acid Volume (± 2 Ltrs)	18 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	36 months
Pro-Rated warranty	24 months





VT250Dlx

Specification

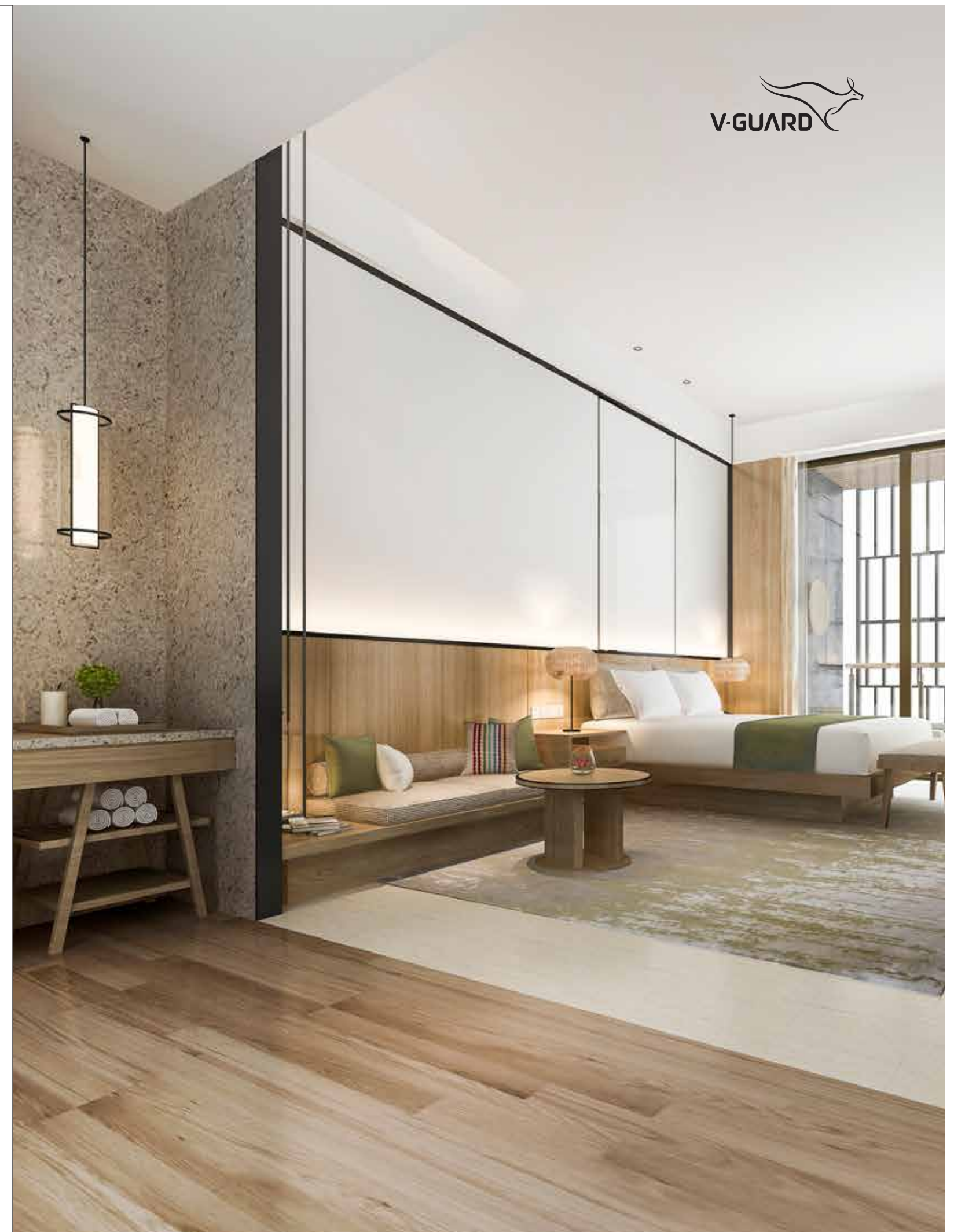
Capacity	230Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	5 Hrs 30 Mins
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	66.5 Kg
Gross weight	68 Kg
Acid Volume (± 2 Ltrs)	16 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	48 months
Pro-Rated warranty	36 months



VT300

Specification

Capacity	250Ah C20@27°C
Application	Digital UPS / UPS / etc.
Back-up time in hours with 400W bulb load	6 Hrs
Dimension of Battery	mm ± 5%
Length	505 mm
Width	190 mm
Height	415 mm
Weight of battery	Kg ± 5 %
Filled weight	71 Kg
Gross weight	72.5 Kg
Acid Volume (± 2 Ltrs)	15 Ltrs
Specific gravity of Electrolyte on Full Charge	1.245 ± 0.005 g/cc
Colour of carton	Multi Color
Spec of carton	520 mm x 205 mm x 470 mm (Lx B xH)
Standard warranty	36 months
Pro-Rated warranty	24 months



ENJOY UNINTERRUPTED POWER WITH V-GUARD INVERTERS & BATTERIES

