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Introducing the Inverter that puts the power in your hands

Smart Inverter Series

The Smart Inverter Series come with an exclusive app with smart features developed using smart technology that lets you control it using just a smartphone.

Now get the power in your hands.

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Smart features



Turn on/off from your phone

The Smart Inverter syncs to your smartphone using Bluetooth technology. Just download the app from play store scan the QR code on the packaging and register your device. Now the power is in your hands. You can turn your Inverter on or off using the phone.

Know battery usage and other info

You can know the battery back up time to plan your load usage with details like battery percentage, load percentage and more, using the app.



Control performance levels

Change the power output from your Inverter at any time using a convenient performance tracker on the app. With this you can run your fans faster or alternately plan for longer back up based on your need.

Run high-intensity appliances

Use Appliance Mode on the app to run high-intensity appliances like iron, coffee maker, grinder, toaster/roti maker, hair dryer and more for short spurts of time up to 15 minutes.

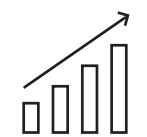
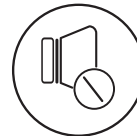


Override mains during voltage dips

Combat voltage fluctuations by cutting off power supply from the mains and letting your Inverter take over, all using just the app.

Mute annoying beeps and buzzers

You can mute your Inverter through the app so you don't have to worry about unnecessary buzzers during power back up and restoration.



Supercharge to save time

Expecting long power cuts during summer? Use Turbo Charge for faster charging of battery and ensure longer back up during emergency situations.

Save energy using holiday mode

Going on a vacation? Switch to holiday mode. It will ensure saving of power and will also ensure maintenance of your battery in healthy condition while you holiday without a bother.



Complaint registration

Now logging in to complain and getting immediate remedial solutions is also easy & effortless. Just log in a complaint with a single touch on the mobile app. V-Guard offers continued Post-Sales Technical Assistance for the Smart Inverter ensuring prompt resolution of functional and connectivity issues remotely without the Service Engineer even visiting your house.

SMART 1100/ SMART 1500 TECHNICAL SPECIFICATIONS

Specifications	Acceptable values	
Working Range Normal Backup Mode		
Capacity	900VA / 740W	1200VA / 840W
Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC	
Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC	
Nominal Output Voltage at No Load In High Performance Mode	240V ± 5VAC	
Normal Mode Mains Input Range in System ON Mode	90V To 290V ± 10V	
UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 5V	
Charging Current in Normal Charging Mode (By Back Side Selection Switch)	10A ± 1A DC	12A ± 1A DC
Charging Current in High Charging Mode (By Back Side Selection Switch)	15A ± 1A DC	17A ± 1A DC
Charging Current in Turbo Charging Mode	20A ± 1A DC (By Mobile App)	
USB Charger Voltage	5.0V DC ± 0.2V DC, Emergency power to charge your mobiles / tablets even after inverter fully off after low battery protection.	
USB Charger Current Capacity	1A DC ± 0.1A DC	
USB Charger Battery Low Cut Voltage	9.0 V DC ± 0.2V DC	
Application	Iron Box*, Mixer Grinder*, Light, Fan, Computer	

SMART 2300 TECHNICAL SPECIFICATIONS

Specifications	Acceptable values	
Working Range Normal Backup Mode		
Capacity	2200VA / 1760W	
Nominal Output Voltage at No Load in Normal Mode	220V ± 5VAC	
Nominal Output Voltage at No Load in UPS Mode	230V ± 5VAC	
Nominal Output Voltage at No Load In High Performance Mode	240V ± 5VAC	
Normal Mode Mains Input Range in System ON Mode	90V To 290V ± 10V	
UPS Mode Mains Input Range in System ON Mode	180V To 260V ± 5V	
Recommended Battery	12V / up to 250Ah, 2Nos.	
Charging Current in Low Charging Mode	10A ± 1A DC (By Back Side Selection Switch)	
Charging Current in Normal Charging Mode	15A ± 1A DC (By Back Side Selection Switch)	
Charging Current in High Charging Mode	20A ± 1A DC (By Back Side Selection Switch)	
Charging Current in Turbo Charging Mode	25A ± 1A DC (By Mobile App)	
Protections in Backup & Mains Mode	Overload, Short Circuit, Input, Battery Low Voltage, Mains Voltage Low/High, Mains Input Frequency Low/High Cut Off, Mains MCB Trip, Heat Sink Over Temperature, Battery Over Charging, Bypass switch for mains bypass in case of unit down.	
Application	Iron Box*, Mixer Grinder*, Light, Fan, Computer, Refrigerator, Air Conditioner upto 1.2 Ton*, Water Heater*, Induction Cooktop*	

* To be connected with the help of V-Guard mobile application, ~ Applicable only for Inverter Air Conditioner