

Technical Specification

DESCRIPTION	1000VA
Output voltage (no load)	230V AC \pm 5%
Output frequency	50Hz \pm 1%
Output waveform	Pure sine wave
Battery voltage	12V DC
No load current (with charged battery)	0. 8Amps
Low battery alarm	10.5V DC \pm 0.2%
Low battery trip	10.3V DC \pm .2%
Peak efficiency	>90%
THD	3%(RESISTIVE LOAD)
UPS MODE	
Input voltage range	180 – 265V AC \pm 5%

Maximum changeover time	< 15ms
NORMAL MODE	
Maximum changeover time	< 20ms

Charging From Grid	
Maximum charging current	12 Amps
Charging cut-off (tubular battery)	14.4V DC \pm 0.2%
Charging cut-off (normal battery)	13.9V DC \pm 0.2%
Charger type	Current & voltage controlled (with 3 steps)
Charging from Solar	
Charging option	Solar charge controller connectivity

Maximum Charging Current	20Amps
Charging Type	Priority for Solar

Protections	
Over load	5 times retries
Display	
LED/LCD	Mains ON/OFF ,Inverter ON/OFF, Charging Mode, Over load, Battery low, short circuit
Weight and Dimensions	
Height	100mm
width	250mm
length	180mm
weight	2.5kg

General

Operating temperature range	0 - 45°C
Relative humidity	0-95%