

TECHNICAL SPECIFICATIONS

Model	1100	1500
System Rating (VAW)	900W Bulb Load	1200W Bulb Load
Input Parameters		
Nominal Input Battery Voltage	12 V	24 V
Main Input Voltage Range (UPS Mode)	180 VAC - 265 VAC \pm 5 VAC	
Main Input Voltage Range (Normal Mode)	90 VAC - 280 VAC \pm 10 VAC	
Battery Charging		
Max. Grid Charging Current	18 A	
Modes		
UPS/NORMAL	Via Switch (Back Side)	
Charging Mode (FC/NC)	Via Switch (Back Side)	
Battery Selection (TT/FT)	Via Switch (Back Side)	
Output Parameters		
Wave Form Type	PURE SINE WAVE	
Output Voltage Regulation	200 VAC \pm 10%	
Output Frequency	50 Hz \pm 0.5 Hz	
Peak Efficiency (with linear load)	> 73%	> 75%
Overload Protection	Provided at >100% with Auto Reset	
Low Battery Protection	Provided at < 10.4V (Per Battery) with Auto Reset	
Short Circuit Protection	Provided at \geq 300% with Manual Reset	
Over Temperature Protection	Provided at \geq 85deg. C	
Change Over Time		
In UPS Mode	\leq 12 milliseconds	
In Normal Mode	\leq 50 milliseconds	
Battery Parameter (Per Battery)		
Boost Voltage	TT Mode : 14.6 VDC \pm 0.2 VDC FT Mode : 14.2 VDC \pm 0.2 VDC	
Float Voltage	TT Mode : 13.8 VDC \pm 0.2 VDC FT Mode : 13.5 VDC \pm 0.2 VDC	
Low Battery Cut	10.4 VDC \pm 0.2 VDC	
Battery Type	12 V (120AH to 200AH)	
Environment		
Forced Cooling	Through Cooling FAN	
Humidity	0-90% Non Condensing	
Operating & Storage Temperature	0-45deg. C	
Display Parameters		
Display Type	Dual Display (LCD & LED)	
LED	Power Switch Status (Constant glow when Power Switch is in ON Condition & Mains Available and Blink when Power Switch is in ON Condition & Mains Not Available)	
LCD	Status : Mains Voltage, Output (Load) Voltage, Battery Voltage, Charging Current, Discharging Current, Load Percentage, Battery Charging / Charged, Charging Mode, Battery Mode Protection : Mains Hi / Low, Mains Fuse / MCB Trip, Over Temperature, Short Circuit, Battery Low Trip, Overload Trip	
Mechanical Parameters (Without Packing)		
Dimension (LxWxH) inches	10.7X9.5X5.1	13.8X10.3X6.3

Note : Specifications and models subject to change without prior notice