MICROTEK





Introducing

SMART ENERGY WALL

I-LITHIUM 1500 SW

In-Built Li- Battery | Zero Maintenance | 2x Faster Charging | Wall Mounted | In-Built BMS | Pure Sine Wave

5 YEARS ONSITE WARRANTY*

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IN-BUILT LITHIUM BATTERY

UPS SPECIFICATIONS	
Parameters	**Specifications**
Model	I-Lithium Wifi 1500 SW
Input Voltage	Inv Mode: 80V~290V / UPS Mode: 180V~265V
Output Voltage on Mains mode	Same as input
Output Voltage on Backup mode	230V ± 10% @DC = 12V
Output frequency on Backup mode	50 Hz ± 0.5 Hz
Switching from Mains to UPS and from UPS to Mains	Automatic
Output waveform on Mains mode	Same as Input
Output waveform on Backup mode	Pure Sinewave
Battery Charging Current	20A
UPS Transfer Time	≤15msec
Browns Out Mains Voltage	80V ± 10V
Technology	Micro Computer Based Intelligent Control Design
Communication interface	WiFi
Auto Reset Feature	Yes
In-Built Bypass Switch	Yes
Weight	Approx 21.45 kg
Dimensions mm (L x W x H)	355x191x387 ± 2mm
BATTERY PARAMETER	
Battery Type	Lithium Ion Phosphate (LiFePO4)
Nominal Voltage	12.8 V
Nominal Capacity	100 Ah
Energy	1.28 kWh
Cell Configuration	4S1P
Cycle Life	> 3500 cycles @ 80% DOD
Battery Design Life	10+ years
ENVIRONMENTAL CONDITIONS	
Operating Temperature Range	Charge: 0°C to 45°C
	Discharge: -20°C to 60°C
Storage Temperature Range	0°C to 45°C
Humidity Range	5% - 95% RH (Non-condensing)
Cooling	Forced Air
PROTECTION	
Overcharge Protection	Yes
Over-discharge Protection	Yes
Over-current Protection	Yes
Short Circuit Protection	Yes
Temperature Protection	Yes
Balance Function	Optional

Note: Specifications are subject to change during the detailed engineering



BIGGER & SMART LCD DISPLAY

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MICROTEK INTERNATIONAL PVT. LTD.
H-57, Udyog Nagar, Main Rohtak Road, New Delhi-110041. India
Ph: 011-71255500 I E-mail: ho@microtek.in I www.microtek.in