



















Features

- Micro-controller Based H-Bridge compact design supported by Microchip ensures high reliability & rugged performance.
- · LiFepo4 Battery bank inside
- USAIN BOLT charging with completes charging time of 5.15-7.30 hours (Max.)
- Power saving charging, charging the battery more efficiently in less time
- Pollution free/ Environment friendly
- No hassles of additional Lead Acid Battery connection and periodic maintenance
- 2000 complete charge discharge cycles
- · Ready to fit Portable model with handle
- Dynamic controls algorithm based BMS ensure safety of lithium battery
- Adaptive to variable input conditions (rural and urban) wide input range 90V-295V
- RCB (Resettable ckt. breaker) peace of mind
- Complete Noiseless Operation
- Surge Protection-MOV inside
- T manager (Temperature manager) algorithm monitor the temperature of all critical components and protects them from any failure

TECHNICAL SPECIFICATIONS	
LFP HUPS 1250	
Parameter	Specification
Model	LFP HUPS 1250
Capacity	1100VA
Input Voltage - INV / UPS Mode	90-295V AC±10V / 180-265V AC±10V
Output Voltage on Mains mode	Same as Input
Nominal DC Voltage	12.8 VDC (LFP)
Output Voltage on UPS mode	220V±12%
Output frequency on UPS mode	50 Hz±0.1 Hz
Changeover	Automatic
Output waveform on mains mode	Same as Input
Output waveform on UPS mode	Modified Square wave
Battery Charging Current	15A ± 3A
Battery Charging Cut off Voltage	14.6V ± 0.2V
Charger Topology	CCCV
Battery Low Alarm	11.2V ± 0.2V DC
Battery Low Shutdown	10.8V ±0.2V DC
Efficiency	>80%
UPS transfer time	<15ms
Auto Reset Feature	Available
Display	Available
Temperature Protection	Available
Operating Temperature	-10°C to 55°C

Manufactured & Marketed by :

9ENERGY SOLAR SOLUTIONS

207-208, GF, Chandan Park, Street - 4, Siraspur New Delhi - 110042 Toll Free: 1800112454 | www,9energysolar.com | I info@9energysolar.com