



**LEADING
SINCE 1969**

LEADER

ENERGY TO PERFORM

*Smart solution for
all your backup needs*

**LI-MPPT PCU
(INBUILT LITHIUM
BATTERY)**

**Built-in 30A
MPPT Solar
Charge Controller**

**1 KVA/12V
Inverter
(760W bulb load)**

**Built-In
100 Ah LFP
Battery**

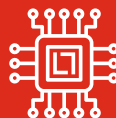
**15A Heavy
Duty Grid
Charger**



**LONG LIFE
2000 CYCLE**



**NO
MAINTENANCE
REQUIRED**



**ADVANCE DESIGN
SUPPORTED BY
MICROCHIP**



**LIGHT WEIGHT
& SMALL SIZE**

INDIA'S LARGEST INTREGATED BATTERY MANUFACTURING FACILITIES

Environmental Friendly

LI-MPPT PCU

INBUILT LITHIUM-BATTERY

Features

- Built in 30A MPPT solar charge controller
- 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

LI-MPPT PCU

Change Over	Automatic
Output waveform on Mains mode	Same as input Mains
Output waveform on UPS/ INV mode	Modified Square Wave
Battery Charging Current_ Grid	15A \pm 3A
Battery Charging Current_ Solar	30A \pm 3 A
Battery Charging Cut of Voltage	14.6 \pm 0.2V DC
Charger topology	CCCV
SSC Max. I/P Volatge	50V
Battery Low Alarm	11.2V \pm 0.2V DC
Battery Low Shutdown	10.8V \pm 0.2 V DC
Efficiency	> 80%
UPS Transfer Time	< 15 ms
Auto Reset Feature	Available
Display Type	LED Panel
Solar Charge Controller Type	Max. Power Point Tracker
Solar Charge Controller Rating	30 A
Temperture Protection	Available
Operting Temputare	- 10'c to 45'c

CORPORATE OFFICE

SS -14 2nd Floor, Aditya Mega Mall
CBD Ground, Shahdara, East Delhi
110032

INTERNATIONAL BUSINESS OFFICE

K No. 377, Second Floor, MG Road,
New Delhi-110030

MANUFACTURING UNIT

Plot No. 45-49, Sector-6, IIE, SIDCUL,
Pantnagar, Rudrapur, Uttarakhand
263153.