

ELP-12V1450Wh-G49

12V Rechargeable Li Iron Phosphate battery



General description

- Standard lead acid replacement- BCI group 49
- High energy & high-power density
- More than 55% reduction in weight compare to lead acid battery (BCI group 49)
- Internal BMS providing 100% safe and protected pack
- LED State Of Charge Indicator (SOC) which can be read out over Bluetooth by any smartphone or tablet
- Fast charging – approximately 1 hour to full charge
- More than 5000 cycles

Applications

Marine, RV, automotive, or solar PV

Safety

- Internal BMS provides 100% safety from:
- Over charge and over discharge;
- Over current Charging or discharging;
- Short circuit
- Over/under-Temperature
- Reverse polarity

Quality System

- ISO-9001:2008

Standards

- UN-38.3
- UL-listed (for cells)
- IEC_62133
- IEC_62281
- IEC_62619

MSDS and Disposal

- Check with manufacturer

Western Industrial Park
1 HaSolela Street
Bet Shemesh, 9905415 , Israel

Electrical

Voltage	13.2 V
Capacity	1450Wh / 110 Ah
Continuous power	2400 W / 200 A
Peak Power (5 sec)	4200 W / 350 A
Charge power	1450 W / 110 A
Communication	CAN , Bluetooth, LED Fuel Gauge
Life Cycles	>5000

Mechanical

Dimensions L×W×H (mm/in)	353×175×188.3 13.90×6.90×7.60
Typical Weight	< 15 kg
Battery Housing	Plastic
Mounting	Drop-in for lead acid

Environmental

Discharge temperature	-30°C to 60°C
Storage	-40°C to 71°C
Transportation	Class 9

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