



Wuhan Vvution Lithium Power Technology Co.,Ltd

Lithium Iron Phosphate (LiFePO4) Starting Battery

L2-400(H5)

12.8V40AH 512Wh

Features of Starting Battery

lighter weight:

Ultra light weight 1/3 of normal lead-acid battery.

High starting power:

Superb cranking power, cranking current greater than 30C (lead-acid battery 10C).

Performance stable:

The discharge voltage is stable, which leads to engine performance stable, and start the automotive more easy.

Intelligent management control:

Built in BMS to monitor the battery status in real time and protect the battery.

Environmentally friendly:

No pollution, does not contain any acid and heavy metals, such as cadmium and mercury.



Applications

- automotive vehicle

Electrical Characteristics

Chemistry	LiFePO4
Cell Type	Pouch
Nominal Voltage	12.8V
Nominal Capacity	40Ah (C5,25°C)
Energy	512Wh
Internal Resistance	≤ 3mΩ
Cycle Life	≥2000 cycles @1C 100%DOD
Months Self Discharge	<3%
Efficiency of Charge	100% @0.5C
Efficiency of Discharge	96-99% @1C
Reserve capacity	90 mins
CCA	1200A

Standard Charge

Charge Voltage	14.6±0.2V
Charge Mode	0.2C to 14.6V, then 14.6V,charge current to 0.02C (CC/CV)
Rated Charge Current	40A
Over Charge Protection Voltage	15.6V
Over Charge Recovery Voltage	15.2V

Standard Discharge

Constant discharge current	≤40A
Maximum instantaneous discharge current	≤800A
Adaptive temperature	-20℃~ 90 ℃
Storage Temperature	0 ℃ to 40 ℃ (32Fto 104F) @60±25% Relative Humidity
Over Discharge Protection Voltage	8.0V
Over Discharge Recovery Voltage	9.2V
Self Discharge Rate	≤30uA
Water Dust Resistance	IP56

BMS	200A
Plastic Case	ABS
Dimensions (in./mm.)	240*174*190*190mm
Weight (lbs./kg.)	5.5kg(12.1lbs)
Terminal	L-R+

Contact info

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