



IFM12-2000E2

O'cell E2 series of LiFePO4 batteries are designed for the replacement of the Lead-Acid batteries mainly used for power backup applications, can directly replace the Lead-Acid batteries by using the same standard shells. This series of LiFePO4 batteries Integrated with BMS, have fully protection features, such as over charging protection, over discharging protection, over current protection and short-circuit protection etc. O'cell E2 series of LiFePO4 batteries with wide capacity range from 12V 4.5Ah to 12V 300Ah call fulfil almost all types of applications to replace existing Lead-Acid batteries.

• Applications

- Golf cart
- Low speed sightseeing vehicle
- Recreational vehicle
- Solar energy storage system
- UPS power backup
- Medical machines
- Solar street lights

• Features

- Higher energy density
- Integrated with BMS, self-protection functions
- low self-discharging
- Free maintenance, long life cycle

Specifications

Model No.	IFM12-2000E2
Pack	IFR26650-4S60P
Nominal Capacity	200Ah
Minimum Capacity	190Ah
Nominal Voltage	12.8V
Energy	2560Wh
Max. Charging Voltage	14.6V
Discharge Termination	10.0V
Charging Method	CC/CV
Standard charging	40A
Max. Charging Current	100A
Standard Discharge	40A
Max. Continuous discharge current	100A
Cycle Life	2000@0.2C/80% DOD
Internal Resistance	≤30mΩ
Dimensions	520*267*221mm
Weight (Approx)	27.65kg
Operating Temperature Range	Charging: 0°C~45°C Discharge: -20°C~60°C
Storage Temperature Range	-10°C~35°C



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PERFORMANCE CHARACTERISTICS

