



IFM24-800E2

O'CELL LiFePO4 battery module, in the assembly process, with unique battery matching technology, Ocell has increased the curve rate and other new matching technologies based on the traditional capacity, voltage, internal resistance, self discharge and constant current ratio, and improved the consistency of modules and systems.

The company has the composite copper nickel sheet welding patent technology, which solves the problems of multiple cells welding and heat dissipation. The battery has good cycle performance and low module temperature rise and higher SOC accuracy.

• 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.	IFM24-800E2
Pack	IFR26650-8S24P
Nominal Capacity	80Ah
Minimum Capacity	76Ah
Nominal Voltage	25.6V
Energy	2048Wh
Max. Charging Voltage	29.2V
Discharge Termination	20V
Charging Method	CC/CV
Standard charging	16A
Max. Charging Current	20A
Standard Discharge	16A
Max.Continuous discharge current	20A
Cycle Life	0.2C 2000C/80%DOD
Internal Resistance	≤30Ω
Dimensions	347*155*270mm
Weight (Approx)	19kg
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

