



IFM24-1000E2

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

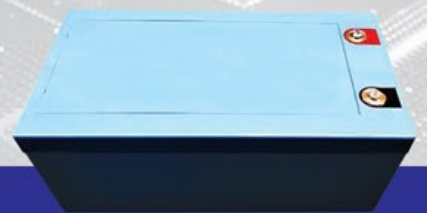
Model No.	IFM24-1000E2
Pack	IFR26650-8S30P
Nominal Capacity	100Ah
Minimum Capacity	95Ah
Nominal Voltage	25.6V
Energy	2560Wh
Max. Charging Voltage	31.2V
Discharge Termination	16.0V
Charging Method	CC/CV
Standard charging	50A
Max. Charging Current	50A
Standard Discharge	50A
Max. Continuous discharge current	50A
Cycle Life	0.5C 2000C/80%DOD
Internal Resistance	≤15Ω
Dimensions	530*208*210mm
Weight (Approx)	25.6kg
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

