

Smart Battery Pack Solution

Intelligent Battery Pack Solution



LiFePO4 PACK



Model: 48V30Ah

Using recognized safest lithium battery cells, the module includes a user-friendly electronic display for real-time cloud monitoring of battery usage. Applications range from lightweight power vehicles to small energy storage in logistics, factory stackers, forklifts, agricultural machinery, and AGV unmanned transport vehicles.

Cloud Management



- Battery Status in Real-time Monitoring
- Web Control for Tracking Vehicles
- Proactive Fault Alerts and Early Warnings
- User-friendly Dashboard Design



Unlock Power Like Never Before:
Fast-Charge and Swap Battery Pack



Trust in Certified UL1642 Components



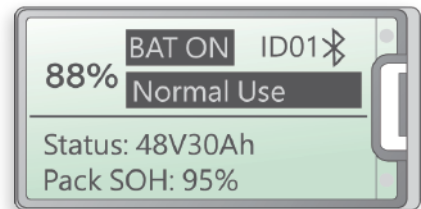
Complete Surveillance with Cloud Management



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Stay Informed with 2.13" EPD for Battery Status

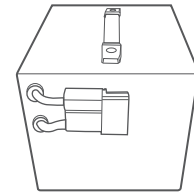


- Status & Error Code
- Troubleshooting



- Multiple Series/parallel
- Tricycle, Forklift, AGV, etc.





Comparison

PACK

Competitor

Hardware Safety	High (UL1642 / LiFePO4 / BMS)	Low
Information security	High	Low
Difficulty of management	Easy	Difficult
Display	Yes	Low
Size & weight	Lightweight (11kg)	Normal (16kg)
Energy density	High (131Wh / kg)	Low (100Wh / kg)
Applications	Series/Parallel supported	Without supported (Single pack)

Specification

PACK

Cell Type	LiFePO4
Cell Structure	15S2P
Min. Nominal Voltage / Capacity	48V / 30Ah
Charge Voltage	53±0.3V
End of Discharge Voltage	42V
Rated Charge Current	1C
Standard Discharge Current	60A
Max. Discharge Current	100A
Ambient Temperature	Charge: 0~55(°C); Discharge: -20~60(°C)
Storage Temperature & Period	10~40(°C): 3 Months 0~50(°C): 1 Month
Charging Cycle Times	2,000 Times
Warranty Years	2 Years
Message Type	CAN, Bluetooth
Dustproof Waterproof	IPX5
Max. Extended Quantity	4 (96V60Ah/48V120Ah)
Information Display	EPD 2.13"
Dimension	160x136x330(mm)
Weight	11(kg)



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