# **LiFePO4 BATTERY**

# LOW-VOLTAGE WALL-MOUNTED ENERGY STORAGE BATTERY

YJC- HES- L- W-25100

MAXIMUM NUMBER OF COMBINATIONS / TOTAL POWER: ×16 (40.96kWh)

### **COMPACT AND EASY TO INSTALL**

Its space-saving design allows for simple wall-mounted installation, making it ideal for home environments.

### **RELIABLE & ROBUST CONSTRUCTION**

The durable metal casing not only enhances structural strength but also improves heat dissipation, ensuring stable long-term operation.

### SCALABLE CAPACITY

The system supports expansion up to 16 units, delivering a maximum capacity of 40 kWh, adaptable to a wide range of energy needs.

### SMART COMMUNICATION PORTS

Equipped with dual RS485 ports, it supports seamless communication with both inverters and additional battery packs. Make it a smart parts of the whole energy storage system.

### WI-FI MONITORING

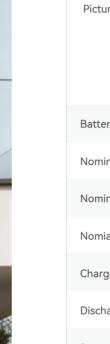
An integrated Wi-Fi module enables remote data monitoring, offering users enhanced control and visibility via mobile or web platforms.

# HIGH-QUALITY CELLS AND STRUCTURE

Each module contains 8 top-tier LiFePO<sub>4</sub> cells in series, firmly secured with a custom metal reinforcement plate to prevent loosening or internal damage. it will enlength the entire lifespan obviously.

# ADVANCED BMS PROTECTION

A built-in Battery Management System (BMS) ensures comprehensive safety under various abnormal conditions, including overload, overcharge, over-discharge, over-temperature, and short circuits.





Model		YJC- HES- L- W-25100
Pictures		
Battery Type		LiFePO4
Nominal Battery Energy		2.56kWh
Nominal Capacity		100Ah
Nomial Voltage		25.6V
Charging Cut-off voltage		29.2V
Discharging End-off volta	ge	20V
Recommended Charge / Discharge Current		50A/50A
Max.Power Charge / Discharge Current 100A/		100A/100A
Peak Power Charge / Discharge Current 150A(500m		
Weight		24kg
Max.Dimension[W*H*H]		480*320*135.5mm
Charging Temp.Range		0 - 50°C
Discharging Temp.Range		-20 - 60°C
Communication		RS485
Compatible Inverters	Deye/Growatt/Victron/SE/LuxPower/SRD/SMA/Goo	odWe/Sofar/Solis/SENERGYINV/MUST/AFORE/Voltronic/SOLAR/Sunways
Calendar Life		≥6000 Cycles
IP level		IP20
Certification & Safety Standard /		