

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 LiFePO₄ 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 voltage	20V	
Recommended Charge / Discharge Current	50A/50A	
Max.Power Charge / Discharge Current	100A/100A	
Peak Power Charge / Discharge Current	150A(500mS)	
Weight	24kg	
Max.Dimension[W*H*H]	480*320*135.5mm	
Charging Temp.Range	0 - 50℃	
Discharging Temp.Range	-20 - 60℃	
Communication	RS485	
Compatible Inverters	Deye/Growatt/Victron/SE/LuxPower/SRD/SMA/GoodWe/Sofar/Solis/SENERGYINV/MUST/AFORE/Voltronic/SOLAR/Sunways	
Calendar Life	≥6000 Cycles	
IP level	IP20	
Certification & Safety Standard	/	