

LiFePO4 BATTERY

LOW VOLTAGE HANGING ENERGY STORAGE BATTERY

YJC-YRBLBW-48V100AH-G1

**MAXIMUM NUMBER OF COMBINATIONS /
TOTAL POWER: ×16(81.92kWh)**



LONG LIFE
≥6000 cycles



LONG WARRANTY
Ten-year warranty



STRONG PERFORMANCE
Cold resistance (-20-60 °C)
high temperature resistance (0-50 °C)



HIGH SAFETY
The use of the most advanced lithium iron
phosphate battery core technology



MODULAR DESIGN
support for multiple modules used in parallel,
easy to install and maintain.



FUNCTIONAL SPECIFICATIONS	
Model	YRBLBW-48V100AH-G1
Battery Type	LiFePO4
Nominal Battery Energy	5.12kWh
Nomianl Capacity	100Ah
Nomianl Voltage	51.2V
Charging Cut-off voltage	57.6V
Discharging End-off voltage	40V
Recommended Charge / Discharge Current	50A
Max. Power Charge / Discharge Current	100A
Peak Power Charge / Discharge Current	200A(5s)
Weight	45kg
Max. Dimension[W*H*H]	420*550*135mm
Charging Temp. Range	0-50°C
Discharging Temp. Range	-20-60°C
Communication	CAN / RS485
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life	≧5000 Cycles
Scalability	IP20
Pros	Can be used in both off-grid and hybrid setups,compact design
Compatible Inverters	Victron/SMA/Goodwe/Imeon/Solis/SAJ/Growatt/Luxpower/Voltronic/Deye etc.
Certification & Safety Standard	TUV/CE/IEC62619/UN38.3

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