

LiFePO4 BATTERY

LOW VOLTAGE CABINET TYPE ENERGY STORAGE BATTERY

UI-YRBLBR 5.12kWh

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



LONG LIFE
> 6000 cycles

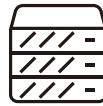


HIGH SAFETY

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



LONG WARRANTY
Ten-year warranty



MODULAR DESIGN

Support for multiple modules used in parallel, easy to install and maintain.



STRONG PERFORMANCE

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



Datasheet	B51100
Pictures	
Battery Type	LiFePO4
Nominal Voltage	51.2 V
Rated Capacity	100 Ah
Capacity	5.12kWh
Rated Charging / Discharging Current	100A/100A
Max. Discharge Continuous Current	100A
Battery Max. Charge / Discharge Power	100A/100A
Peak Discharge Current / Power	200A(5s)
Available SOC Range	0-100%
Dimension	480*460*155.5mm
Weight	42.5kg
Operating Temperature	Charging Temperature:0-50°C / 32°F~ 122 °F Discharge Temperature:-20-60°C / -4°F~ 140 °F
Storage Temperature	-10°C~50°C
Working Humidity	0~90%
Communication	CAN / RS485
Cycle Life	>6000
Warranty	10 Years
IP Rating	IP20
Certification	IEC62619 / UL1973 / UL9540A / CE-EMC / UN38.3 / FCC

