



## U TYPE RACK MOUNTED LIFEPO4 BATTERY

### Main Features

U rack mounted design

With smart BMS system

Flexible expansion, easy installation

REPT cells ,Superior safety and reliability

Big discharge current,Compatible with solar inverter and energy system

Long life design, cells cycle time up to 4000times

CAN/RS485/RS232 communication optional

Specification	Model	3U48-50	4U48-100	5U48-150	6U48-200
Battery Type		LiFePO4			
Battery Model		51.2V50AH	51.2V100AH	51.2V150AH	51.2V200AH
Capacity(25°C, 1C)		2560WH	5120WH	7680WH	10240WH
Voltage Window (Vdc)		44.8 ~ 57.6V			
Folat Charge Voltage(Vdc)		55.2V			
Max.continue discharge current		50A	100A	150A	150A
Max.continue charge current		25A	50A	75A	75A
Cycle life(+25°C 1C 80% DoD)		>4000 Cycles			
Cell Equalizer Current(A)		1~5A Max			
Terminal		M6			
Storage temperature		0°C~ 30°C			
Storage duration		6 months at 25°C			
Safety standard		UN38.3 ,IEC62619, CE			
IP degree		Ip20			
Display		LCD display (Optional)			
Communication		CAN/RS485/RS232 (Optional)			
<b>PROTECTION</b>					
Protection		Overcharge protection, Overdischarge protection, Overcurrent protection, Shortcircuit protection, Overtemperature protection			
<b>MBIENT</b>					
Working Temperature		-10°C~ +60°C			
Humidity		0~95% ( no condensation)			
Sea Level(m)		≤1500			
<b>DIMENSION</b>					
L×W×H mm		442x440x130	442x480x177	442x480x221	442x480x267
Weight(NW Kg)		32kg	42kg	75kg	85kg