

51.2V100Ah Server Rack Battery

- 20 year typical lifespan & 8 year warranty
- 6.0 single core elbow connector (IP67)
- Built-in smart BMS, programmable
- 4 temperature sensors for temperature protection
- RS485, RS232, CANBus communication
- Works with Pylontech, GoodWe, Deye, Megarevo, Victron inverters



Nominal Characteristics	
Nomial Voltage	51.2V
Nomial Capacity	100Ah
Energy	5120 Wh
Mechanical Characteristics	
Weight	47±0.5Kg
Dimensions LxWxH	488*578*177.8mm (With handle and fixed bracket)
Waterproof Level	IP43
Electrical Characteristics	
Voltage Window	43.2 ~ 57.6 V
Charge Cut-off Voltage	57.6V
Discharge Cut-off Voltage	43.2V
Max. Continue Charge Current	50A
Max. Continue Discharge Current	100A
Efficiency	≥95%
Internal Resistance	≤16mΩ
Recommended SOC Working Range	15%~95%
Self Discharge	≤3% Per Month
Operation Conditions	
Cycle Life (+20°C 0.2C 90%DOD)	>4000 (@25°C, 85%DOD) / > 10 Years
Charge Temperature	0°C ~ 55°C
Discharge Temperature	-20°C ~ 60°C
Storage Temperature	-10°C ~ 30°C
Storage Environment Humidity	5%~95%
Storage Altitude Requirement	≤1000m
Compliance	
Construction	1P16S
Shipping Classification	UN 38.3 Class 9 UN3480 MSDS
Cell Type	16×3.2V 100Ah LiFePO4