



51.2V100AH 5120WH

Normal	
Nominal Voltage(V)	51.2V
Nominal Capacity(WH)	5120WH
Usable Capacity(WH)	4096WH/80%DOD
Design Life	10+ Years (25°C/77F)
Physical	
Dimension(mm)	458*197*610
Weight(kg)	54
Electrical	
Cycle Life	>6000, 25°C
Discharge Voltage(V)	40~58.4
Charge Voltage(V)	56~58.4
Charge/Discharge Current(A)	50A(Recommended)
	100A(Max)
Internal Resistance	≤30mΩ
BMS	
Power Consumption	<2W (Work) <100mW(Sleep)
Monitoring Parameters	System voltage, Current, cell voltage, cell temperature, module temperature
SOC	Intelligent algorithm
Communication	CAN/RS-485/RS-232
Operation	
Operating Temperature Range	-10°C~50°C
Transport or Storage Temperature Range	-20°C~45°C
Humidity	15%~85% (No Condensing)