

48V 5.1kWh Rack mount Battery



Model Number	MPS-48-5.1
Nominal Voltage	51.2V
Nominal Capacity	100Ah
Nominal Capacity watt hours	5.1kWh
Circuit protection	Inbuilt Double Pole, Non-polarised Circuit Breaker
Cycle Life 100% DOD @ 25 degrees C @ 70% end of life	≥ 6,000 Cycles
BMS type	Self Managed. Internal BMS
Cell Type	Prismatic
Battery Charging Temperature range	2 - 55°C
Operating temperature range	-10 - 60°C
Voltage Range	44V – 57.6V
Continuous Discharge Current	63A (3.2kW) @ 25°C
Mounting style	19 Inch Rack Mount Style
Dimensions mm	470D x 436W x 165H
Weight	44Kg
IP rating	IP40
Warranty period	10 years
Certifications (cell level)	GB/UN38.3, IEC62619, UL9540A