

## Battery Li-Ion 48VDC 100Ah Li-Ion Rack Mount

- Model: BM48V-100AH-R



Model	BM48V-100AH-R (16S1P )
Nominal Voltage (V)	51.2
Nominal capacity (AH)	100
Nominal energy capacity (kWh)	5.12
Operating voltage range	48-56.16
Recommended charging voltage(V)	52.5
Recommended discharge cut-off voltage(V)	45.6
Standard charging current(A)	100
Maximum continuous charging current(A)	200
Standard discharge current(A)	100
Maximum discharge current(A)	200
Applicable temperature(°C)	-30~60(Recommended 10~35)
Allowable humidity range(%rh)	0~95% no condensation
Storage temperature(°C)	-20°C ~ 45°C in three months 25±3°C over 3 months
Protection level	IP20
Cooling method	Natural air cooling
Life cycles	6000+ times at 80%DOD
Maximum size (DxWxH)mm	442x510x178
Weight(kg)	65.0