

BSM-U-48V/5.76kWh Lithium Battery



Product features:



Modular design, can connect to 8 modulars in parallel



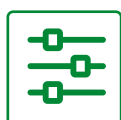
Long service life, cycles up to 10 years



With smart balance technology, it can effectively ensure constant status of battery cells throughout their life



Natural heat dissipation, protection class IP54



Integrated with CAN, 485 communication interfaces



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Model	BSM-U-48V/5.76kWh
Capacity	5.76kWh
Depth of discharge	90% DOD
Nominal Voltage	48VDC
Voltage range	39~54VDC
Maximum charging voltage	54DC
Continuous current at 25°C	100A
Continuous current at 35°C	<80A
Continuous current at 45°C	<50A
Maximum pulse current at 25°C,10s	<115A
Continuous charging current at 25°C	50A
Efficiency	>97%
Operating Condition	indoor or Outdoor
Operating Temperature	-10°C~45°C
Dimension (L * W * H)	890*643*178mm
Weight	75KG
Cooling Type	Natural cooling
Shell Material	Aluminum
Installation Method	Wall Mounted
IP Rating	IP54
Maximum of Parallel	8
Parallel Setting	Auto Sensing
Warranty	7Years(daily cycle)
Life Span	> 10 Years
Communication Mode	RS485,CAN
Protection Mode	Triple Hardware Protection
Battery Protection	Over-current,Over-voltage,Short circuit,Under-voltage,Over-temperature



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