

BST

RESIDENTIAL ENERGY STORAGE BATTERY MODULE



MD48-50-2U



MD48-100-3U

MD 48

- Rack-mounted, 19 inch Modular +
- LiFePO4 Battery, High Safety +
- Flexible Scalability +
- Long Lifespan +
- Compatible with Various Inverters +



Read More

BST POWER (SHENZHEN) LIMITED

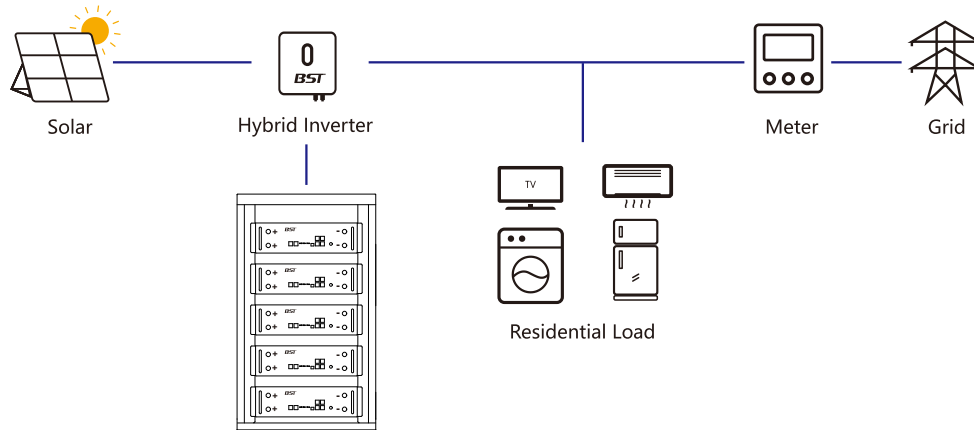
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RESIDENTIAL ENERGY STORAGE BATTERY MODULE



Up to 15 Batteries in Parallel

Model	MD48-50-2U	MD48-100-3U
General		
Nominal Energy	2.4 kWh	5.12 kWh
Usable Energy	2.4 kWh	5.12 kWh
Scalability	Max. 15 in parallel (36kWh)	Max. 15 in parallel (76.8kWh)
Dimension (W x H x D)	440 x 410 x 88.5 mm	440 x 420 x 133 mm
Weight	~24 kg	~44 kg
Design Life	10 Years	10 Years
Electrical		
Nominal Voltage	48 V	51.2 V
Operating Voltage Range	40.5 ~ 53.5 V	43.2 ~ 56.8 V
Charge / Discharge Current	(Recommend)	25A / 25A
	(Maximum)	50A / 50A
Operation		
Charge Temperature	0 ~ 50°C	
Discharge Temperature	-10 ~ 50°C	
Storage Temperature	-20 ~ 45°C	
Humidity	5% ~ 95% RH (No Condensation)	
Altitude	≤4000m	
Ingress Protection	IP20	
Communication Interface	CAN, RS485 (Optional WIFI, BLE)	
Certification	UL1973, UN38.3, EN 61000-6-1, EN 61000-6-3, IEC62619	
Compatible Inverter	BST/Deye/GOODWE/Growatt/Sofar/Solis/Victron/Voltronic	

MD48

2024