

SAJ

B1 SERIES LITHIUM BATTERY



B1-5.1-48



Modular Design



Excellent Protection



Easy Installation



Safest Chemistry



Long Lifespan

MODEL	B1-5.1-48
Electrical Parameters	
Total Energy Capacity [kWh]	5.12
Usable Capacity [kWh]	4.6
Rated Voltage [V]	51.2
Voltage Range [V]	42~58.4
Depth Of Discharge [DOD]	≤ 90%
Max. Charge Current [A]	60
Max. Discharge Current [A]	60
Physical Parameters	
Battery Type	Lithium-iron phosphate (LiFePO4)
Communication	CAN
Operating Temperature Range	0°C~50°C
Cooling Method	Natural convection
Ambient Humidity	0-95% non-condensing
Ingress Protection	IP65
Dimensions [H*W*D][mm]	410*650*186
Weight [kg]	48
Warranty [Year]	5/10/15/20/25
Applicable Standard	UN38.3, IEC 62619

Residential Energy Storage System

