



B1 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 [Wh]	5120
Usable Capacity [Wh]	4600
Rated Voltage [V]	51.2
Voltage range [V]	42~58.4
Depth Of Discharge [DOD]	≤ 90%
Cycle Life	≥ 6000
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
Standard Warranty [Year]	5 (Standard) / 10 (Optional)
Applicable Standard	UN38.3, IEC 62619