

B4850-BOX-AP



Features And Advantages



High Protection Level

IP54 protection allows both indoor & outdoor use



Simple Battery Installation

Preset power cables and auto magnetic gearing design make labor work easier.



Various Installation Methods

Can be floor-standing or wall-mounted to satisfy different installation requirements

Box Installation



Floor-Standing



Wall-Mounted

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Technical Parameters

Battery Module		B4850
Number of Batteries	1	
Battery Type	LiFePO ₄	
Nominal Battery Energy	2.4kWh	
Nominal Capacity	50Ah	
Nominal Voltage	48V	
Operating Voltage	42 ~ 54.75V	
Recommended C Rate	0.5C	
Recommended Charge/Discharge Current	25A	
Max. Power Charge/Discharge Current	50A	
Peak Power Charge/Discharge Current	55A(Protect)	
Depth of Discharge	90%	
Net Weight	22kg (Without waterproof case) /32kg (With waterproof case)	
Dimension[W*D*H]	507.5*124.5*536mm (With waterproof case)	
Charging Temp. Range	0 ~ 55°C	
Discharging Temp. Range	-20 ~ 55°C	
Communication	CAN/RS485	
Cycle Life ^[1]	6000 Cycles	
Protection Level	IP20 (Without waterproof case) /IP54 (With waterproof case)	

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 90% DOD