

# 5. 2.9KWh residential ESS



**Be available to expend energy  
to more than 5.8KWh  
Max. operation power: 3KW**

Items	Parameters
Battery Type	LFP
Rated Voltage/ Capacity	48V/60Ah
Rated Energy	2.9KWh
Voltage Range	45~54.7V
Rated Discharge Current	25A
Max. Discharge Current	60A
Standard Charge Current	25A
MAX. Charge Current	60A
Operating Temperature	Charge 0°C~50°C ; Discharge -20°C~50°C;
Storage Temperature	-20°C~50°C
Ambient Humidity	Max. 90[%Rh] *Non Condensing
Conditions of Installation	IP20
Max. Altitude	2000m
Dimensions	600*190*443mm
Communication	RS232, RS485