

# ROOFER Residential ESS

## RF-PACK-WM01:1/2/3/4/5

### Product Features:

- ⊕ 6000 Cycle Life.
- ⊕ Long Warranty: 5 years.
- ⊕ LiFePo4 battery is environmentally friendly, safe and durable.
- ⊕ Intelligent Battery Management System(BMS) is the best system on the market One can improve battery safety.
- ⊕ Support parallel expansion according to inverter requirements; Up to 15 machines can be connected up to 78 kwh.
- ⊕ Our system is stackable, allowing for easy and convenient installation.
- ⊕ Battery enables parallel and cluster expansion.



## Battery Specifications:

Model	RF-A5.2KWH-1	RF-A5.2KWH-2	RF-A5.2KWH-3	RF-A5.2KWH-4	RF-A5.2KWH-5
Nominal capacity(Ah)	100				
Nominal energy(KWh)	5.2	10.4	15.6	20.8	26
Module specification	5.12KWh 51.2V 48Kg				
Nominal voltage(V)	51.2V				
Working voltage(V)	46.4V-58.4				
Max discharge current(A)	100				
Continuous charging current(A)	50				
Battery type	LiFePo4				
BMS communication mode	RS485/CAN				
Protection/Security	Overcharge Protection/Undervoltage Protection/Overcurrent Protection				
Cycle Life	Cycle Life > 6000 Times				
Operating temperature	-10~50°C				
Discharge efficiency(%)	95				
Dimension(LxWxH)(mm)	430*440*134	430*440*320	430*440*480	430*440*641	430*440*801
Weight(KG)	48	96	144	192	240
Warranty(years)	5 Years				
Water Dust Resistance	IP20				
Cooling mode	Natural Cooling				
Installation mode	In Parallel				
Certification	CE/UN38.3/RoHS				

## Packing List :

Model	RF-A5.2KWH-1	RF-A5.2KWH-2	RF-A5.2KWH-3	RF-A5.2KWH-4	RF-A5.2KWH-5
Bottom mounting bracket	0	4	8	12	16
top mounting bracket	0	4	4	4	4
M6X14 three-in-one combination screw	0	8	16	24	36
KM4x8 countersunk head cross screws	0	16	24	36	44
25mm <sup>2</sup> Red Connect Cable 1000mm	1	1	1	1	1
25mm <sup>2</sup> Black Connect Cable 1000mm	1	1	1	1	1
RS485 Connect Cable 1000mm	1	1	1	1	1
25mm <sup>2</sup> Black Connect Cable 170mm	0	1	2	3	4
25mm <sup>2</sup> Red Connect Cable 170mm	0	1	2	3	4
RS485 Connect Cable 180mm	0	1	2	3	4