






ESY SOLAR BATTERY

FEATURES



-  Optimize your energy efficiency by choosing the most suitable mode
-  Charge and store power strategically during low consumption periods
-  Effortlessly control and monitor your system in real-time with the ESY SUNHOME APP
-  Optimize energy efficiency with photovoltaic power generation
-  Effortlessly switch between off-grid and grid-connected modes

SPECIFICATIONS

MODEL	BATTERY QUANTITY	BATTERY CAPACITY	DIMENSIONS (LXWXH)	WEIGHT	MAX. DISCHARGE POWER	MAX. DISCHARGE CURRENT	RATED CAPACITY
5KWH+	1	5.12 kWh	600x305x343 mm	68 kg	5.76 kW	95 A	100*1 Ah
5KWH+2	2	10.24 kWh	600x305x563 mm	118 kg	11.52 kW	190 A	100*2 Ah
5KWH+3	3	15.36 kWh	600x305x783 mm	168 kg	13.82 kW	240 A	100*3 Ah
5KWH+4	4	20.48 kWh	600x305x1003 mm	218 kg	13.82 kW	240 A	100*4 Ah
5KWH+5	5	25.60 kWh	600x305x1223 mm	268 kg	13.82 kW	240 A	100*5 Ah
5KWH+6	6	30.72 kWh	600x305x1443 mm	318 kg	13.82 kW	240 A	100*6 Ah



SPECIFICATIONS

PARAMETERS	
Rated Voltage	5102 Vd.c.
Voltage Range	40.8 Vd.c. ~ 57.6 Vd.c.
Depth of Discharge	100%
Measuring Accuracy	≥2%
Battery Type	IFpP
Battery Designation	IFpP49/175/134 [(16S)] M/-20+50/90
Cycle Life	≥6000 Times 25 °C
Mounting	Modular Stacking/Ground
Protection	BMS/Software/Hardware/Fuse
BMS Communication Protocol	RS485; CAN
Cooling Method	Natural Cooling
Operating Temperature Range	-20~58 °C
Optimum Operating Temperature Range	25 ± 2 °C
Heating Up during Charging/ Discharging	Charging: T<5 °C, heating up to 20 °C±2 °C; Discharging: T<-5 °C, heating up to 5 °C±2 °C
Storage Temperature	0~40 °C ≤1 Year
Humidity	0~100% Relative Humidity
Noise level at 1m	≤25 dB
Protection rating	IP66
Warranty	10 years
Country of Manufacture	China

SAVE BIG ✨
ON SOLAR BATTERY INSTALLATION!



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