



TAKE THE SUN HOME

ESYSUNHOME ESS BATTERY

Household Energy Storage System



ESYSUNHOME
5KWH+

ESYSUNHOME
10KWH+

ESYSUNHOME
15KWH+

ESYSUNHOME
20KWH+

ESYSUNHOME
25KWH+

ESYSUNHOME
30KWH+



MODEL	ESYSUNHOME 5KWH+	ESYSUNHOME 10KWH+	ESYSUNHOME 15KWH+
Number of Batteries	1	2	3
Battery Capacity (kWh)	5.12	10.24	15.36
Usable Capacity (kWh)	4.864	9.728	14.592
Rate DC Power (kW)	4.864	4.864	4.864
Rated Capacity (Ah)	100	200	300
Size (LxWxH mm)	(600±2)x(305±2)x(248±2)	(600±2)x(305±2)x(468±2)	(600±2)x(305±2)x(688±2)
Weight (kg)	57±1	107±1	157±1
Max. Continuous Charging Power (W)	4864	4864	4864
Max. Continuous Charging Current (A)	95	95	95
Max. Continuous Discharging Power (W)	4864	4864	4864
Max. Continuous Discharging Current (A)	95	95	95
Configuration	16S	(16S)2P	(16S)3P

MODEL	ESYSUNHOME 20KWH+	ESYSUNHOME 25KWH+	ESYSUNHOME 30KWH+
Number of Batteries	4	5	6
Battery capacity (kWh)	20.48	25.6	30.72
Usable Capacity (kWh)	19.456	24.32	29.184
Rate DC Power (kW)	4.864	4.864	4.864
Rated capacity (Ah)	400	500	600
Size (LxWxH mm)	(600±2)x(305±2)x(908±2)	(600±2)x(305±2)x(1128±2)	(600±2)x(305±2)x(1348±2)
Weight (kg)	207±1	257±1	307±1
Max. continuous charging power (W)	4864	4864	4864
Max. continuous charging current (A)	95	95	95
Max. continuous discharging power (W)	4864	4864	4864
Max. continuous discharging current (A)	95	95	95
Configuration	(16S)4P	(16S)5P	(16S)6P

PARAMETERS

Nominal Voltage (Vd.c.)	51.2
Battery Type	IFpP
Voltage Range (V)	40.8~57.6
Charging Voltage Declared by Manufacturer (V)	56.8
Upper limit Charging Voltage (V)	57.6
Discharging Cut off Voltage (V)	40.8
Depth of Discharge	95 %
Standard Temperature Range for Charging (°C)	3~55
Standard Temperature Range for Discharging (°C)	-20~58
Standards	IEC 62619, ISO 13849, IEC/EN 62040-1, CEC+RCM
EMC Standards	IEC 61000-6-1, IEC/EN 61000-6-3
Ingress Protection Rating	IP66
Protection Class	I
Warranty	120 months
Country of Manufacture	China

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