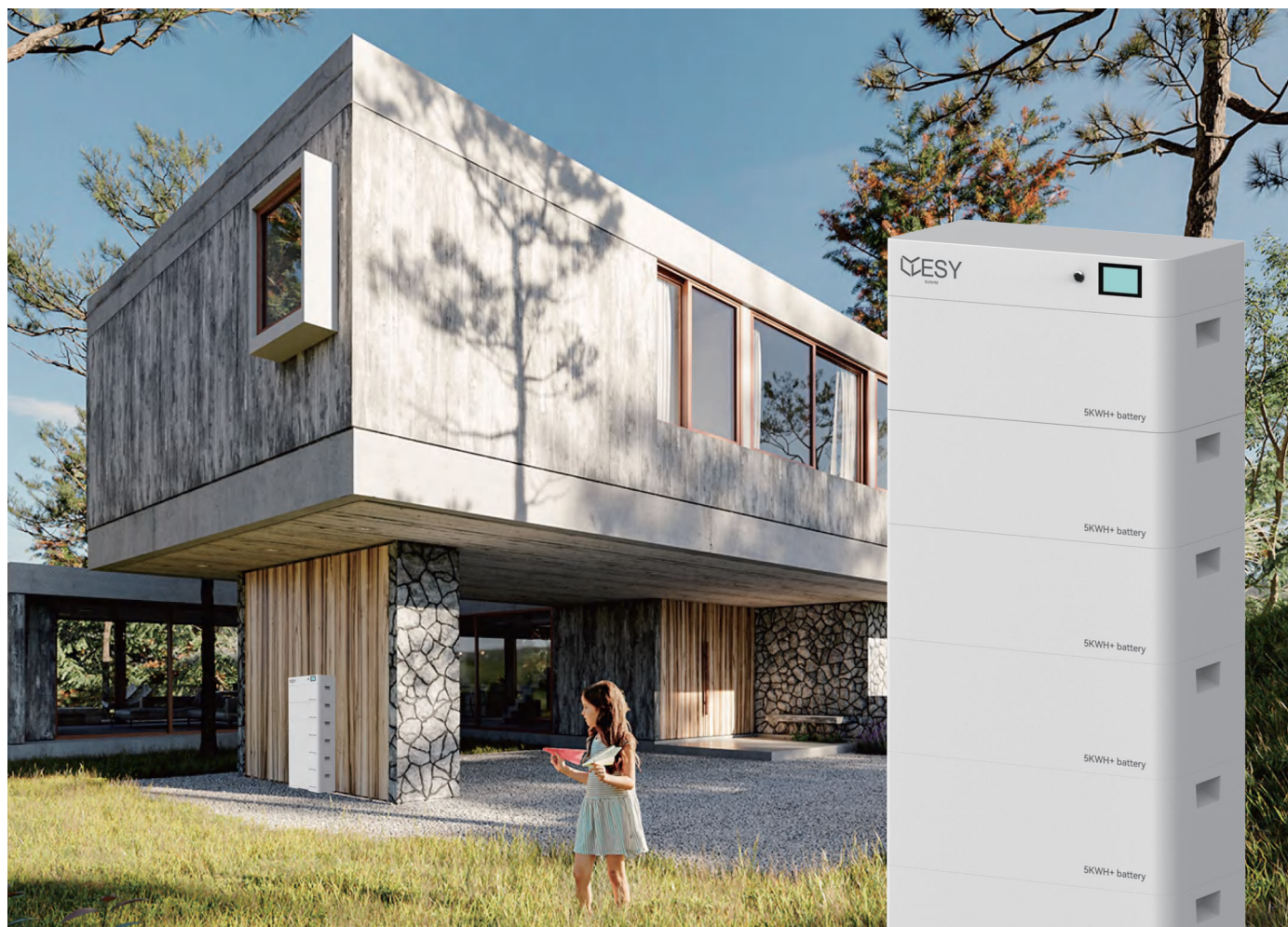




TAKE THE SUN HOME

ESYSUNHOME 5KWH+ HOUSEHOLD ENERGY STORAGE BATTERY



Easy
Installation



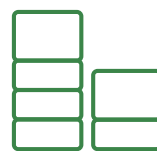
Temperature
Resistance

IP66

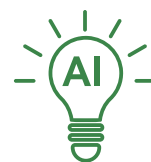
IP66
Waterproof



24-hour
Monitoring System



Expandable
Capacity



Artificial Intelligence
(AI) Operation

ESY SUNHOME AUSTRALIA PTY LTD



3/52-60 Roberts Road Greenacre NSW 2190

Email: info-au@esysunhome.com.au

Tel: +61 2 9166 7642



Parameters

MODEL	5KWH+	5KWH+2	5KWH+3	5KWH+4	5KWH+5	5KWH+6
No. of Modules	1	2	3	4	5	6
Usable Energy (kWh)	5.12	10.24	15.36	20.48	25.60	30.72
Dimensions (L*W*H mm)	600*305*343	600*305*563	600*305*783	600*305*1003	600*305*1223	600*305*1443
Weight (kg)	68	118	168	218	268	318
Battery Cell Module	16S1P	16S2P	16S3P	16S4P	16S5P	16S6P
Max. Discharge Power (kW)	5.76	11.52	13.82	13.82	13.82	13.82
Max. Discharge Current (A)	95	190	240	240	240	240
Rated Capacity (Ah)	100*1	100*2	100*3	100*4	100*5	100*6
Rated Voltage (V)	51.2					
Voltage Range (V)	48~57.6					
Depth of Discharge	100%					
Measuring Accuracy	≤2%					
Battery Type	IFpP/Lithium Iron Phosphate					
Battery Designation	IFpP48/133/174 [16S] M/-20+50/90					
Encoding Rule	EA.LESY.5kWh-16A0					
Cycle Life	≥6000 Times 25°C					
Mounting	Modular Stacking/Ground and Wall-Mounted					
Protection	BMS/Software/Hardware/Fuse					
BMS Communication Protocol	RS485; CAN					
Cooling Method	Natural Cooling					
Operating Temperature Range (°C)	-27~58					
Optimum Operating Temperature Range (°C)	25±2					
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 (°C)	0~40 ≤1 year					
Humidity	0~100% Relative Humidity					
Altitude (m)	<4000					
Noise Level (dB)	≤25					
Protection Rating	IP66					
Warranty	10 years					

Applicable standard

Safety	IEC 62619: 2022, ISO 13849, IEC/EN 62040-1
EMC	IEC 61000-6-1, IEC 61000-6-3