

Easy-On-E2500H Balcony PV System

Specifications



Easy plug-and-play installation, compatible with 99% of the marketSolar panels and microinverters.



Support microinverter parallelism,Expand capacity and support greater output power.



Noiseless design, IP65 waterproof, high temperature resistant fireproof material,Meet the conditions of all-weather use of the balcony.



Lithium iron phosphate battery, 7 layers of safety protection,6000+ cycles, 10 years cycle.



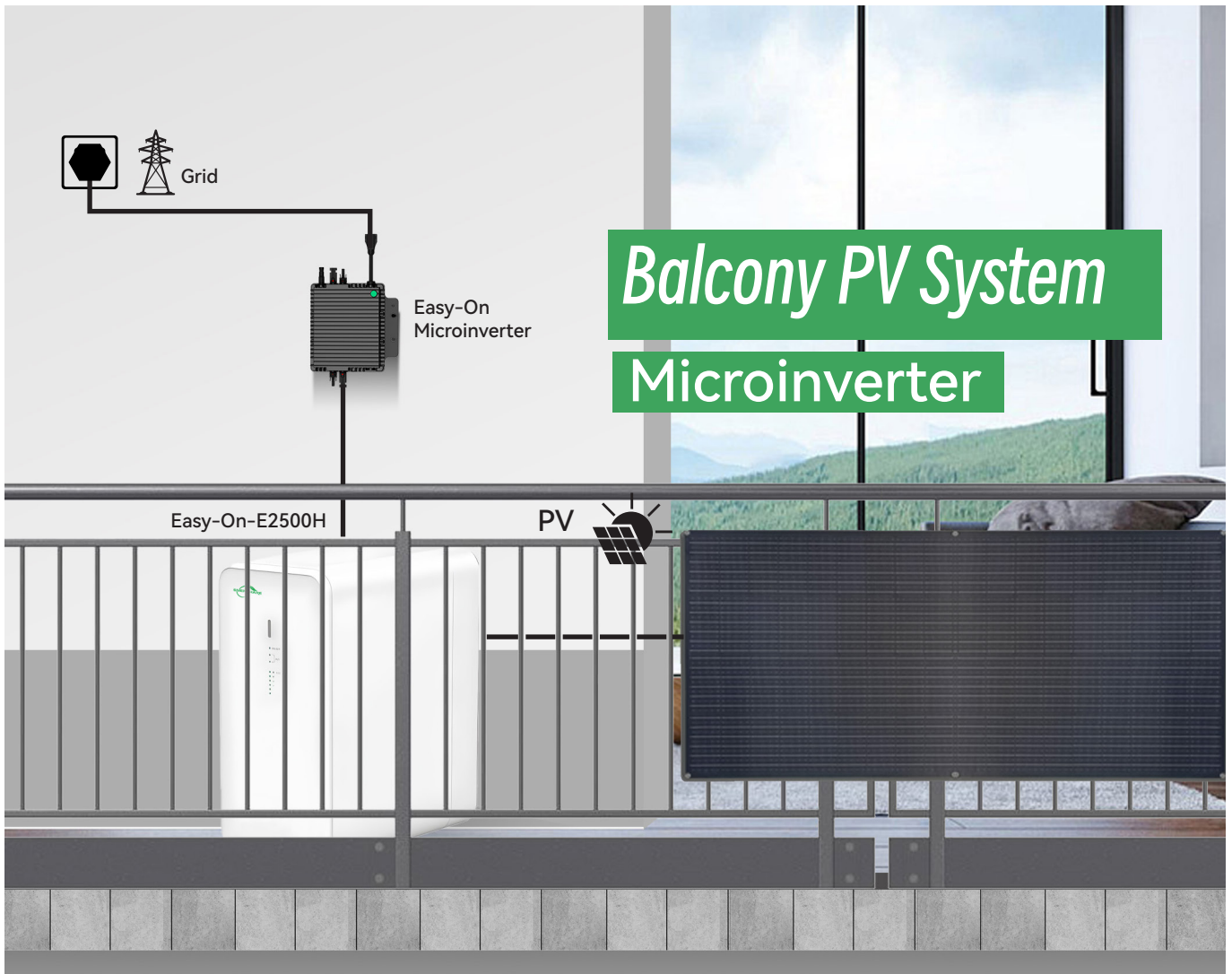
Integrated MPPT, BMS power management technology, Support battery 2240Wh-6720Wh capacity expansion



Real-time monitoring of intelligent APP, convenient for multi-scenario application switching.

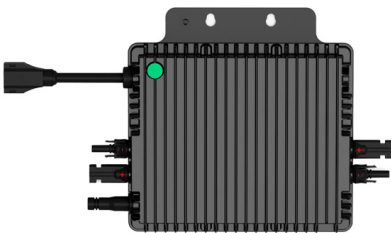
Easy-On-E2500H Balcony PV System

Model	Easy-On-E2500H	Easy-On-E2500H(EXTRA BATTERY)
GENERAL		
Cell Chemistry	LiFePO4	LiFePO4
Capacity	2240Wh	2240Wh
Nominal Current	50A	50A
Lifecycle	6000+ Cycles to 80% Capacity	6000+ Cycles to 80% Capacity
Storage Temp	-10°C~45°C	-20°C~60°C
Operating Temp	-10°C~40°C	0°C~50°C
Material	ABS + PC/Metal	ABS + PC/Metal
Weight	20±0.5kg	18±0.5kg
Dimensions	350*295*175mm	350*295* 175mm
Battery Management System	OVP, UVP, OCP, SCP, OTP, UTP, etc.	OVP, UVP, OCP, SCP, OTP, UTP, etc.
Wireless	BT5.2 + WIFI 2.4G	/
MC4*2 PV INPUT		
Power	500W*2 Max	/
Voltage Range	12V~59V	/
Max. Input Current	10A	/
MC4*2 OUTPUT		
Power	400W*2 Max	/
Voltage Range	42V~50.4V	/
Max. Output Current	11.9A	/
INPUT		
Battery Voltage	44.8V	44.8V
Charge Voltage	52.5V	52.5V
Charge Current	50A	50A
OUTPUT		
Discharge Current	100A	100A
DOD	90%	90%



Easy-On-M600TL/M800TL Balcony PV System

Specifications



Low photovoltaic input voltage, high and low voltage isolated, safe to use.



Built-in MPPT, DSP control, DC to AC peak efficiency up to 96.7%.



Small and light-weighted easy to install, IP67 class protection.



WiFi Remote monitoring.



Support combined grid connection, up to 8 units; (Up to 6 units M800TL)

Easy-On-M600TL/M800TL Balcony PV System

Model	Easy-On-M600TL	Easy-On-M800TL
PV Input (DC)		
PV Max Input Power (W)	350 x2	450 x2
PV Max Input Voltage (V)	60	60
Start-up Voltage (V)	30	30
MPPT Voltage Range (V)	25 ~ 55	25 ~ 55
Max Input Current (A)	12A x2	14A x2
Maximum input short-circuit current (A)	15A x2	17A x2
Number of MPP Trackers	2	2
AC Output		
Rated Output Power (W)	600	800
Nominal Output Current (A)	2.6	3.48
Nominal Grid Voltage (V)	230 (single-phase)	230 (single-phase)
Grid Voltage Range (V)	180 ~ 264VAC	194 ~ 264VAC
Nominal Grid Frequency (Hz)	50Hz / 60Hz	50Hz / 60Hz
Max. Total Harmonic Distortion	<3%(rated power)	<3%(rated power)
Power Factor	>0.99	>0.99
Max Parallel	8pcs	6pcs
Anti-islanding Protection	Yes	Yes
AC Short Circuit Protection	Yes	Yes
System		
Max. Efficiency	96.70%	96.70%
Protection Class	CLASS I	CLASS I
Protection Level	IP67	IP67
Cooling Method	Natural Cooling	Natural Cooling
Monitoring	WIFI	WIFI
Operating Temperature Range (°C)	-40 ~ +65	-40 ~ +65
Manufacturer's Warranty	10 Years	10 Years
Mechanical Data		
Dimensions (W ×H × Dmm)	225 x 225 x 37	225 x 225 x 37
Weight (kg)	2.7	3.6
Product Certification		
Test standards	IEC 62321-3-1:2013; IEC 62321-4:2013+A1:2017; IEC 62321-5:2013 IEC 62321-6:2015; IEC 62321-7-1:2015; IEC 62321-7-2:2017 IEC 62321-8:2017 ENIEC 61000-6-3:2021; ENIEC 61000-6-1:2019 ENIEC 61000-3-2:2019+A1:2021; EN 61000-3-3:2013+A2:2021 EN 62109-1:2010; EN 62109-2:2011 VDE-AR-N 4105:2018; conjunction with DIN VDE V 0124- 100:2020	