



BALCONY PHOTOVOLTAIC SYSTEM

Product Features:

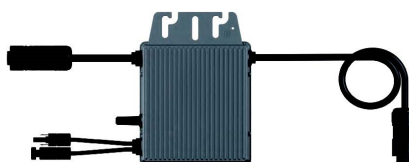
- **Space-Saving Design:** No need for rooftops or ground space—mounts easily on balcony railings or exterior walls, perfect for apartments and compact homes.
- **Plug-and-Play:** Equipped with a micro-inverter and standard plug for simple connection to your home's power supply. Generate and consume your own energy safely and conveniently.
- **Eco-Friendly:** Reduces carbon emissions by hundreds of kilograms annually, supporting a cleaner environment.

Ideal For:

- Powering balcony lighting, small appliances (e.g., routers, chargers)
- Supplementing household electricity to lower grid dependence
- High ROI—payback period as short as 3-5 years (depending on usage)



Main components: Solar panel, Micro Inverter, Balcony bracket



Technical data:

Model	PVS-500W-B
PV Module Parameter	
Module power (Wp)	730
Module Efficiency (%)	23.49
Dimensions (mm)	2385*1303*33
Weight (Kg)	38.7
AC Output Parameter	
Nominal Continuous Output Power(W)	500
Max. Output Current (A)	2.5
Nominal Output Voltage (V)	220/230/240, L/N/PE
Nominal Frequency (Hz)	50/60
Peak Inverter Efficiency (%)	96.7
Dimensions(mm)	164 * 225 * 30
Weight (Kg)	2.1
Type of Enclosure	IP67
Communication	WiFi (Bluetooth)