

BALCONY SOLAR BACKUP SYSTEM



EC2460-ENERGY CUBE Series

EC2460 serves as both an energy storage device in small optical storage systems and an outdoor power supply product. It is equipped with a built-in 1500Wh lithium-ion battery pack and a fully enclosed metal shell design, which makes it aesthetically pleasing. At the same time, it also meets the characteristics of dust prevention, water resistance, and fire resistance, which are essential product features. Micro inverters can also convert direct current stored in mobile power sources into alternating current for household loads, in order to reduce household electricity costs. Throughout the entire process, the user can monitor and manage electricity usage at multiple levels based on their actual electricity consumption.

720W

Rated power

1536Wh

Rated capacity

25.6V

Rated voltage

- ◆ LED display
- ◆ Waterproof: IP32t
- ◆ Remote WiFi optional
- ◆ Wide PV input range (Up to 100Vdc)
- ◆ On/off grid system, support self-consumption and feed into the grid



SPECIFICATIONS

BATTERY MODEL	EC2460
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Battery Type	LiFePO4 [LFP]
Rated voltage	25.6V
Rated capacity	60Ah
Core cycle	≥2000cycles 80%SOH
Dimension	750±3mm*395±3mm*160±3mm
Weight	30kg

PCS SIDE

Grid-Tie Operation	
Rated power	720W
Grid connected power	600W MAX
Mains charging current	0-40A adjustable
AC input voltage range	90-265VAC
Input frequency range	50HZ/60HZ ±3HZ
THD	3%

AC Output	
Nominal output volt	220Vac, Single Phase
Output frequency	50/60hz
Output waveform	Pure sine wave
Nominal output current	4.5A

Environment	
Noise	60dB Max (1 meter)
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C