

BALCONY SOLAR ENERGY STORAGE BATTERIES

# HPC1800 Series

1280~2500Wh | 50A | 2\*400W

The HPC1800 is designed for balcony energy storage systems. Compatible with MUST PM series microinverters and built-in MPPT solar charge controller, the energy storage battery provides power to the microinverter during daytime hours or night hours, which saves the family's electricity bill and promotes the use of clean energy. Users can choose the battery pack according to their own energy storage needs, with battery capacity from 1280Wh to 2500Wh.



- Plug in and Play
- Easy to Install & Move
- Space-Saving efficient Use of Space
- Dual MPPT 800W PV input economical Solutions for Savings
- IP65 Waterproof & Dustproof, adaptable for Various Use Cases
- 6000 Cycles LiFePO4 Batterywith 10 Years Lifespan
- Low noise fanless design
- Compatible with 99% of solar panels and microinverters on the market

Balcony Solar Storage System



Model	HPC1800	
GENERAL		
Capacity	1280Wh	2500Wh
Material of cell	LiFePO4	
Cycles	>6000@80%Capacity	
Storage Temperature	-20°C~50°C	
Operating Temperature	-10°C~45°C	
Battery Management System(BMS)	OVP, UVP, OCP, SCP, OTP, UTP, etc	
PHOTOVOLTAIC INPUT		
Power	2*500W max	
Range of input voltage	15V~70V	
Max input current	2*10A	
BATTERY OUTPUT		
Power	2*400W max	
Range of output voltage	42V~50.4V	
Max output current	11.9A	
BATTERY		
Nominal voltage	44.8V	
Charging voltage	50.4V	
Max charging current	50A (1C)	
Max discharge current	50A (1C)	
Depth of discharge	90%	
MECHANICAL SPECIFICATIONS		
Machine Dimension (W*H*D)(mm)	390*200*395	
Package Dimension (W*H*D)(mm)	490*300*490	
N.W (kg)	/	25
G.W (kg)	/	28
Standard Warranty	5years	
CERTIFICATION & STANDARDS		

VDE: VDE-AR-N 4105    CE-LVD: EN62109-1, EN62109-2

\*The technical specifications of this document are subject to change without any notice