

PowerHI

PowerHI is specially designed for balcony energy storage. IP65 protection level. Maximum expandable to 6 batteries up to 15.36kWh, plug and play, 10 years warranty, the best choice for balcony energy storage.



Flexible Expansion

Expandable to 6 batteries up to 15.36kWh



Minimalist O&M

Modular design, 5-minute troubleshooting, plug&play



IP65 Protection

Fearless of outdoor installation, strong environmental adaptability



Long-term reliability

LFP cells, 8000+ cycles, 10 years warranty



Automatic Self-heating

-20°C to 55°C operating temperature (optional)

Model	PowerHI
PV Input	
Max.input power	600W×2
Operating voltage range	12V-60V
Maximum input voltage	60V
MPPT voltage range	12V-48V
Maximum input continuous current	16A×2
Number of MPPT channel	2
On-grid Port	
Nominal output apparent power	800VA
Max. output apparent power	800VA
Grid type	Single-phase
Nominal AC voltage/range	230V/184V-253V
Nominal AC frequency/range	50Hz/48Hz-51Hz
Nominal output current	3.48A
Off-grid Port	
Max. output apparent power	1200VA
Peak output apparent power	1800VA, 10s
Grid type	Single-phase
Nominal AC voltage	230V
Nominal AC frequency	50Hz
Max output current	5.22A
Battery General	
Battery Type	LiFePO4
Single Cell Rated Energy	2.56kWh
Rated Voltage	51.2V
Cycle Life	≥8000 cycles
Max Charging Power	2560W
Max Continuous Discharge Power	3072W
Communcation Ports	CAN
Max Expansion Modular	6
Inverter General	
Weight	8kg
Maximum Efficiency	96.20%
Cooling	Natural
Overvoltage Category	OVC II For PV and Battery Input Circuit, OVC III
Communication	Built-in Wi-Fi and Bluetooth
Safety,EMC&Grid Compliances	EN 62109-1/-2; EN 62477-1; EN IEC 61000-6-1/-2/-3/-4; EN 62920; VDE-AR-N 4105
Expansion Battery Parameter	
Protection degree	IP65
Charge Temperature	0-55°C/-20-55°C(optional)
Discharge Temperature	-20-55°C
Dimension (W×H×D mm)	480/187/360
Weight	29kg
Certification	UN38.3/IEC62619/CE-EMC

