



EP600 Residential energy storage system

Three phases I Connected/
Disconnected from the network

For EU, UK and Australia markets
0% VAT for orders in Germany
Consult your local council for more details.



Customizable options

- 4.9 kWh - 39.6 kWh flexible capacity.
- Energy for your needs.



Higher yields

- Save on your electricity bills
- Self-generated electricity
- A short recovery period.



Modular design

- Quick and easy installation
- Does not damage the wall
- Improved transportation comfort



Greater power capacity

- 6000W powers most essential loads.
- 12000W covers your entire house.



Safe and durable

- LiFePO4 Battery Cell
- 10 year warranty
- IP65 protection.



Smart home and energy management

- Control and manage your energy
- Adjust your savings preferences
- Easy maintenance in real time

Energy independence starts here.

EP600 Residential Energy Storage System								
EP600				2[1]				
battery modules	1	2	3	4	2	4	6	8
Ability	4.9kWh	9.9kWh	14.8kWh	19.8kWh	9.9kWh	19.8kWh	29.7kWh	39.6kWh
Maximum output power[2]	6000W				12000W			
Input frequency	50Hz							
Switching time	γ10ms							
Phase	L1/L2/L3/N/PE							

[1] With more than 2 batteries, two inverters are connected in parallel to the grid. [2] Power output may vary in different modes: battery only, on grid and with PV.

PV IN	
Maximum input power	6 kW
Voltage range	150V~500V/360V
MPPT/Nominal MPPT Channel	2
Simple MPPT Maximum short circuit current	15A

AC OUTPUT (ON NETWORK)	
Rated output power	6 kW
Rated voltage	230V/400V
Frequency	50Hz

AC OUTPUT (RESERVE)	
Rated output power	6 kW
Output voltage	230V/400V
Frequency	50Hz

General	
Operating temperature	-20°C to 50°C (-4°F to 122°F)
Dimensions	636mmx325mmx370mm (25.0inx12.7inx14.5in)
Noise	γ50dB(A)
Net Weight Connectivity	93lbs / 42kg
Connectivity	Wi-Fi/Bluetooth/USB
Degree of protection	IP65
Limited warranty	10 years

COMPLIANCE	
Accordance	IEC 62477γ1:2012γIEC 62477γ1:2012γEN 62477γ1:2012γIEC62109γ1γIEC62109γ2 EN62109γ1γEN62109γ2
Network connections	TOR type A:2022O, VE R25:2020, EN50549, PTPIREE 2021, PSE:18 December 2018, NC RFG:2016, EN:50549γ1:February 2019, VDE-AR-N 4105: 2018γ11, DIN VDE V0124γ100:2020γ06, DIN V VDE V 0126γ1γ1:2013, RD 1699:2011, CEI0γ21:2022γ03+V1: 2022γ11, EN 50549γ1:2019
Emissions (EMC/EMI)	EN/IEC 61000γ6γ1, EN/IEC 61000γ6γ3
RoHS	RoHS 2.0
Degree of protection	IP65
Certification	EC

Modular battery B500	
battery chemistry	LiFePOγ
Operating temperature	-20°C to 40°C (-4°F to 104°F)
Battery capacity	4.96kWh
Dimensions (L*W*H)	636mmx325mmx338mm (25.0inx12.7inx13.3in)
Noise	<25dB
Net weight	58kg (127.9lb)
Refrigeration	Passive cooling
Degree of protection	IP65
Compliance	IEC62619γUN38.3

*Specifications are subject to change without notice.