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SMART ENERGY
COUNCIL
SOLAR STORAGE, SMART ENERGY



Amosolar Powerwall

[Powerbox]

Adopts LiFePO4 chemistry battery with safety performance and long life time, which offers you four capacities to meet your more requirements.

TUV Certified • CEC Accredited • IP65 Protection • Flexible Expansion.



Features and advantages

- Compact Size & Light Weight
- High Power Output & Usable Energy Ratio
- Modular Design & Expandable System
- Safest Battery & Perfect Compatibility
- Natural cooling & Easy Installation
- Certifications Available



SPECIFICATION

Model	Powerwall			
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Nominal Voltage	48V	48V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	100Ah	200Ah
Nominal Battery Energy	4.8kWh	9.6kWh	5.12kWh	10.24kWh
Charging Voltage	54V	54.6V	57.6V	57.6V
Discharging Voltage	41V	41V	43.2V	43.2V
Max. Continuous Charge Current	100A	100A	100A	100A
Max. Continuous Discharge Current	100A	100A	100A	100A
Net Weight	52.5±1Kg	85±1Kg	54.5±1Kg	88±1Kg
Dimension [W*D*H]	680*485*227mm	679*485*226mm	679*485*225mm	679*485*226mm
Charging Temp. Range	0 ~ 55 °C	0 ~ 55 °C	0 ~ 55 °C	0 ~ 55 °C
Discharging Temp. Range	-20 ~ 55 °C	-20 ~ 55 °C	-20 ~ 55 °C	-20 ~ 55 °C
Calendar Life ^[1]	>6000 Cycles			
Communication	CAN / RS485 / DRY CONTACT			
Certification & Safety Standard	TUV/CE/EN62619/IEC62040/UN38.3/CEC Accredited			
Warranty	10 Years			

[1] Test conditions: 0.2C Charging/Discharging, @25 °C, 80% DoD