

CU-WALL10KW

Movable Residential ESS

WiFi | 95% DOD | 6000 Life Cycles



Large Capacity

10.49kWh total energy / 9.97kWh usable energy for extended backup and daily use.



Built-in BMS Protection

Advanced BMS provides protection against over-current, over-voltage and temperature.



Reliable Backup Power

Stable and efficient power output to keep your home running during outages.



Reliable Operation

Engineered for safe, reliable and long-lasting performance.



Optimal Management

Smart communication and monitoring for optimal energy management.

• Technical Specifications

Product model	
Product model	CU-WALL10KW
Battery Parameters	
Total Energy	10.49kWh
Usable Energy*	9.97kWh
Voltage	44.8~57.6Vdc
Nominal Voltage	51.2Vdc
Rated Capacity	205Ah
Max. Charge Voltage	57.6Vdc
Nominal Discharging Current	100A(1P) / 160A(2P~6P)
Nominal Charging Current	100A(1P) / 160A(2P~6P)
Weight	87kg
Dimension (H × L × W)	670 × 430 × 232 mm
Recommended DOD	95%
Operating Parameters	
Operating Condition	Indoor/Outdoor
Operating Temperature (Charge)	0~55°C
Operating Temperature (Discharge)	-15~55°C
Storage Temperature Range	> 1 month 0~35°C / ≤ 1 month -20~45°C
Humidity	15%~85%RH (No Condensation)
Over Voltage Category	II
Cooling Type	Natural cooling
Case Material	Metal
Installation	Floor-standing
IP Rating	IP66
Heating Film (Optional)	/
Screen (Optional)	/
Protection & Communication	
Protective Class	I
Max. Connection Number	6P
Communication	CAN / RS485 / WiFi
Protection	Over-current / Over-voltage / Short circuit / Under-voltage / Over-temperature
Certificates	CE, UN38.3, MSDS
Warranty	10 years

* Testing conditions based on 25°C at the beginning of life.
Values may vary by configuration and operating conditions.