



5KW Home Power Storage

All WOCOR Poweray products include CDK-5kWh 5KW Home Power Storage have been certified to meet regulatory, safety, and environmental standards that meet or exceed market demand. In addition, we are committed to strict quality control, customer service, and reliability that earn the trust of our customers. A home battery and backup system is a great way to provide clean, eco-friendly energy to your entire home this holiday season

and throughout the year. And with modular systems, you can add storage batteries or solar panels as needed to keep up with changing energy needs.

Product Description

If power outages are regular events where you live, you might want to consider installing a set of home power storage to supply you with electricity when you are off the grid like CDK-5kWh 5KW Home Power Storage. The CDK-5kWh 5KW Home Power Storage will give you an energy capacity of 5kWh and has a power rating of 5120W .The CDK-5kWh 5KW Home Power Storage adopt high-performance BMS battery management system to make your energy switch to backup battery power as simple as possible. CDK-5kWh 5KW Home Power Storage has high energy density and conversion efficiency.



Product information		
Model name	CDK-5kWh	
Item	General Parameters	Remark
Battery type	Lithium iron phosphate	
Output wave	Pure sine wave	
Rated capacity	100.0Ah	
Minimum capacity	98.0Ah	0.2C after standard charging 0.2 C5 standard discharging
Nominal voltage	5102V	
Expected life	80% of initial capacity	Fistly 0.2C5 constant current charges to 58.4V, then constant voltage charges until current is less than 0.05C
		Set aside:30min
		Discharging :0.2 C5 to 40.0V
		Temperature:20±5℃
		Cycle time 2000 times 100%DOD
End-off discharging voltage	≥32V	40.0V (recommendation)
End-off charging voltage	≤62.4 V	58.4V (recommendation)
Cells connected methods	16S1P	
Casing material	Metal casing	
Standard charging	0.2C constant current charges to 58.4V and constant voltage to 58.4V, charging until the charging current≤0.05C	Charging time:about 6 hours
Standard discharging	Continuous current:0.2C	
	End-off voltage:40.0V	
Maximum charging current	100A	
Maximum	100A	

continuous discharging current		
Peak current	200A	
Working temperature range	Charging: 0~45°C	Recommendation 23±5°C
	Discharging: -10~60°C	
Storage temperature range	Less than one year: 0~25°C	Humidity range at shipping state 23 ± 5°
	Less than three months:-10~35°C	
Weight	About 45Kg	
Maximum dimension	Height:120.4cm	
	Width: 80.6cm	
	Length:40cm	
Communication	RS485/CAN	Support multiple inverter
Machine in parallel	Support 16 groups n parallel	
Protection function	1.Over charging protection 2.over discharging protection 3.temperature protection 4.over current protection 5.short	
Authentication certificate	CE/FCC/ROSH/PSE/UN3.3/MSDS/Dangerous packing certificate	

Product Feature And Application of the CDK-5kWh

*Working temperature: 0°C-60°C

* High cycle times and long life

* High energy density and conversion efficiency

* Adopt high-performance BMS battery management system

* There is sufficient insulation safety protection inside the battery

* Recognized green energy, no pollution in the whole production and use process

* Specify the specification level according to the national standard or use higher sensitivity standard to ensure the quality of the battery

Operational Process

