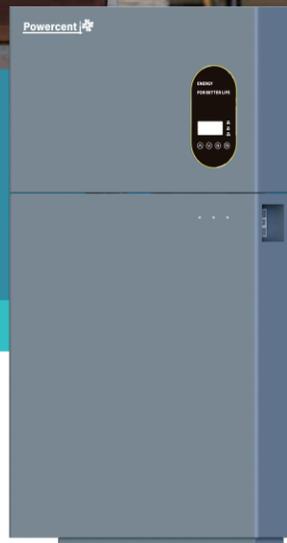




# CX Single Phase



## HIGH PERFORMANCE

- 200% PV Over Management
- 200% Backup Overload Capacity, 60A Battery Current
- Max. Efficiency 97.3%, Battery Efficiency 97%
- Load Monitoring Accuracy 10W, Battery Discharging Threshold 10W



## HIGH RELIABILITY

- UPS Level Redundant Protection Against Backup Load Breakdown
- Three-Level Firmware And Two-Level Hardware Battery Protection
- Multiple Temperature Monitoring, Delicate Thermal Management
- Max.3 Inverters And Max.6 Battery In Parallel To Increase Power Availability



## HIGH INTELLIGENCE

- Internal EMS Optimizes Home Energy Supply Automatically
- PV Production Forecast
- Built-In Electric Power Service, FCAS, VPP, Etc.
- Online Monitoring, Online Diagnosis, Online Service

MODEL	CX-5KW10KWH
<b>SYSTEM SPECIFICATIONS</b>	
Nominal Output Power	5kW
Capacity Range	10.1kWh
Battery Chemistry	LFP
IP Protection	IP65
Warranty	5 Years Product Warranty, 10 Years Battery Performance Warranty
<b>INVERTER TECHNICAL SPECIFICATIONS</b>	
Coupling	Hybrid
Max. PV Input Power	10kW
Max. PV Input Current	15A/15A
Max. PV Input Voltage	580V
MPPT Number / Max. Input Strings Number Per MPPT	2/1
MPPT Voltage Range	100~550V
Max. PV Short-Circuit Current	18.75A/18.75A
Max. Charging/Discharging Current	60A
Max. Charging/Discharging Power	5kW
Rated Frequency	50/60Hz
Rated Voltage	230V
Phase	Single Phase
Rated Output Apparent Power (Grid Port)	5kVA
Rated Output Apparent Power (Backup Port)	5kVA
Max. AC Input Power (Grid Port)	10kW
Rated Output Current (Grid Port)	21.7A
Max. Ac Output Current (Grid Port)	21.7A
Rated Output Current (Backup Port)	21.7A
Max. Ac Output Current (Backup Port)	21.7A
Max. Inverter Efficiency	97.3%
Backup	UPS
Communication	Ethernet/WIFI
Relative Humidity	0~90%(No Condensation)
Dimensions (W × D × H)	610×212×366mm
Weight	19.5kg
Safety	IEC 62109, IEC 62040
EMC	EN 61000-6-1/-2/-3/-4
Grid Regulations	AS 4777.2, NRS 097, VDE 0126-01-01, VDE 4105, EN 50549, CEI 0-21, RD 1699
<b>BATTERY TECHNICAL SPECIFICATIONS</b>	
Module Capacity	10.1kWh
Usable Capacity	9.6kWh
Depth Of Discharge (DoD)	95%
Nominal Voltage	<b>96V (High Voltage)</b>
Battery Voltage Range	91.5V~106.5V
Max. Charging/Discharging Current	60A
Operating Temperature Range	-10°C~50°C
Cycle Life	10000
Battery Modules Connection	1~6 In Parallel