



* Outlook of the product may be subject to change without notice during product improving.

C Series Commercial ESS 112KWh/50KW to 261kWh/125KW (Customizable)

- Grade A New Prismatic LiFePO₄ Cells from tier 1 brands, with original manufacturer QR code.
- Scalable up to 10 ESS systems in parallel of up to Max. 2.61MWh energy capacity.
- Full protection: fire protection system, air-cooling system(liquid cooling optional), patented EV-level BMS
- All in one solution: integrated with MPPT, GEN port, PCS(Inverter), EMS.
- Lifespan up to 6000 cycles, 10+ years.
- Energy efficiency up to 98%, DOD up to 90%.
- Highly customizable: voltage, frequency, power, MPPT, IP grade, cooling system, etc.

Specifications

Model	C112-50	C241-125	C261-125
Battery			
Battery Configuration	358.4V 314Ah	768V 314Ah	832V 314Ah
Rated Energy	112 kWh	241 kWh	261 kWh
Usable Energy	100.8 kWh	216.9 kWh	234.9 kWh
PCS (Power Conversion System)			
AC Side	AC Rated Power	50KW	125KW
	Max Power	60KW (10S)	150KW (60S)
	Max Current	86A	216A
	Rated Voltage	230V/380V/400/440/480/690Vac, 3 Phase, Customizable	
	Rated Frequency	50/60Hz	
DC Side	Max Input Voltage	850V	950V
	Max Input Current	100A	157A
MPPT (PV Input)			
Rated Power	65KW	120KW	
Max Current	36A + 36A + 36A + 36A	60A + 60A	
MPPT Voltage Range	200-850V	200-950V	
Physical			
Weight	1050 Kg	3000 Kg	3160 Kg
Dimensions (W × D × H)	1100 x 1086 x 2050 mm	1500 x 1539 x 2300 mm	1400 x 1350 x 2250 mm
Communication	Wifi/RS485		
Cycle Life	6000 cycles @0.2C 25°C 80%DOD		
Operating Temperature	Charge: 0~50°C/Discharge: -20~50°C/Storage:-20~45°C		
Humidity	≤90%		
Operating Altitude	≤2000m		
Cooling System	Air Cooling		
IP Grade	IP54		
Protection	Over Temperature, Over Current, Short Circuit, Over-charging, Over-discharging, Low Voltage, Fire Protection		
Certification	CE, UN38.3, MSDS		
Warranty	5 Years (10 years optional)		