

# Low-voltage Lithium Iron Battery Cabinet

C-PRO-71.68KWH



A-grade LiFePO4 Cells from Top 5 Brands



Cycle Life:  $\geq 6000$  Times @ 80% DoD



Compatible with Mainstream Inverters



Intelligent BMS, Automatic Restoration and Maintenance-free



Modular Drawer Style Design, Battery Capacity 14.336kWh



Scalable to 114.68kWh Based on Needs



Perfect Thermal Management Technology to Control the Temperature Rise in the Battery System



10 Years Warranty, 15 Years Lifespan



Lifetime Technical Support



**MSDS**

ADVANTAGES-FEATURES



# Technical Data

Model	C-PRO-71.68KWH
Cell Type	LiFePO4
Battery Cell	3.2V, 280Ah
Energy	71.68kWh
Nominal Voltage	51.2V
Voltage Range	43.2V~57.6V
End-of-charge Voltage	58.4V
End-of-discharge Voltage	40.0V
Continuous Charge/Discharge Current	140A
Acquisition Accuracy	Voltage accuracy: $\pm 10\text{mV}$
	Current accuracy: $\pm 2\%$
	SOC accuracy: $\pm 5\%$
Cycle Life	$\geq 6000$ times, 25°C/77°F, 80%DOD
SOC Estimation	YES
Intelligent Balance	YES
GPS Positioning	YES
Sleep and Wake-up	YES
Protection	Over-charge, Over-discharge, Over-current, Short-circuit, Over-voltage, Under-voltage, Over-high/low temperature
Operating Temperature	Charging: -20°C~65°C ; Discharging: -30°C~70°C
Storage Temperature	-10°C~40°C
Humidity	5%~95%(non-condensing)
Cooling	Air cooling
Warranty	10 years
Ingress Protection Rating	IP20 / IP54
Altitude	$\leq 2000\text{m}$
Communication Protocol	RS485 / CAN / RS232 / BT (Optional)
Terminal	M10 Terminal
Size	485*638*260mm
Weight	Approx. 580kg
Certification	CE-EMC, UN38.3, MSDS, IEC, SONCAP