

OHC-C Series

Commercial & Industrial Outdoor Integrated Cabinet

The OHC-C Series Commercial and Industrial Outdoor Integrated Cabinet is designed for various industrial and commercial applications, such as industrial parks and commercial complexes. The integrated cabinet features a modular design, offering flexible expansion capabilities and easy installation and maintenance.

The entire system is explosion-proof. Aerosol fire protection system. It also includes secondary surge protection on the AC side (with fault alarm capabilities), integrated emergency shutdown (EPO), leakage current detection protection, and other safety functions to ensure the security of the energy station.

The cabinet features an integrated dual-cooling system combining both Fan and liquid cooling machine, with an IP55 protection rating for outdoor installation. Additionally, it integrates an Energy Management System (EMS) function, supports photovoltaic connections, and various EMS energy strategies. It is capable of participating in power market trading (VPP), meeting the needs of electrical load management in parks, and supporting the development of energy storage for commercial and industrial use.



* This product diagram is for reference only, the delivery in kind shall prevail! *



Supports photovoltaic access



Multiple communication methods support remote upgrades



Ultra-high energy density, compact size, easy installation and transportation



Modular design for flexible expansion and easy maintenance



Supports 100% unbalanced loads and 110% long-term overloads



Supports two charging guns, which can charge the vehicle simultaneously

Module		OHC-C-125K-261kWh(60K*2)
Grid Port		
Rated Power		125kW
Max. Power		137.5kW
Rated Current		180A
Max. Current		198A
Rated Voltage		440Vac,3W+N
Rated Frequency		50-60Hz (±5Hz)
PV Side		
Max.PV input Voltage		900V
PV input Power		100kW
Mppt Number		1
Battery		
Battery Type		Lithium iron phosphate battery
Battery Rated Capacity		261kWh
Batter Voltage Range		832V
Cell Capacity		314Ah
Max Charge/Discharge Current		157A
Cell series parallel connection		1P260S
Charging Gun		
Rated Output Power		60KW*2
Rated Output Current		120A*2(500Vdc)
Measuring Accuracy		<±0.1%
Number of Charging Guns		2
Gun Line Length		5M
Starting Method		Scan code, Swipe card
Charging Method		Self service operation, by amount, by power, by time
Display Method		LED display light
Static transfer switch(STS)		
Rated Voltage		400V
Rated Frequency		50/60Hz
Rated Power		300/200KVA
Off grid switching time		≤20ms
Basic Parameters		
Coaling Method		Liquid cooling
Protection Level		IP55
Noise		<70db
Ambient Temperature		25℃-60℃c (derating above 45℃)
Altitude		3000m(derating>2000m)
BMS Communication		CAN
EMS Communication		Ethernet / 485
Emergency Stop Protection		Equipped with emergency stop function, it can stop running in case of emergency
Cabinet dimensions (W*D*H)		1400*1350*2260mm
weight		2450kg±5kg