

CYG

Better Energy Utilization Better future



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CYG ET CO., LTD.

01

Company Profile

02

Product Description

03

Service Introduction

04

Application Cases

05

Contact Us

CATALOGUE



01

COMPANY PROFILE



CYG ET CO., LTD.

CYG ET Co., Ltd. (hereinafter referred to as "CYG ET") is a subsidiary of Changyuan Technology Group Ltd. (stock abbreviation: Changyuan Group, stock code: 600525.SH) and focuses on the new energy industry. Leveraging CYG's extensive industry experience and technical advantages in the energy sector, CYG ET strategically invests in photovoltaic, energy storage, electric vehicle charging, microgrid, integrated energy solutions for industrial parks, and targeted development operations.

The company is committed to actively contributing to the construction of the national energy internet and supporting the achievement of the "dual carbon" goals.

Its strategy focuses on the core industries of Pv, charging, storage and microgrids, and distribution and transportation of comprehensive energy, as well as promotion of related overall solutions and technologies.



≥400 Employees



Established in 2019



Registered capital of CNY 200 million



Products from CYG cover over 80 countries & regions around the world



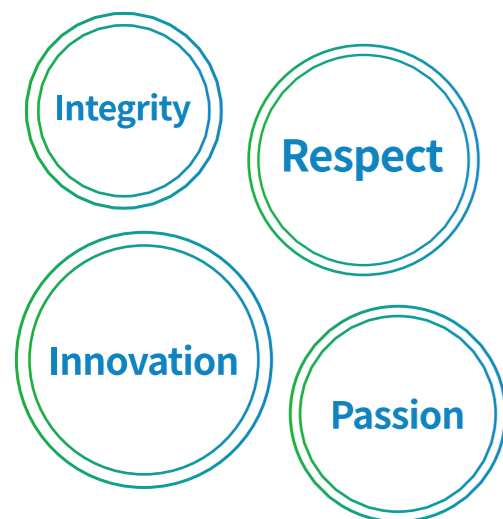
GROUP HEADQUARTERS

-  16 industrial parks
-  founded in 1986
-  ≥ 8000 employees

Changyuan Technology Group Ltd.

(referred to as “CYG”, stock abbreviation: Changyuan Group, stock code: 600525.SH) was founded in 1986, specializing in R&D, manufacturing and service of intelligent digitalization of industrial and power systems.

Enterprise spirit



2023 ANNUAL ENVIRONMENTAL SOCIAL AND CORPORATE GOVERNANCE (ESG) REPORT

Environmental

- Carbon footprint accounting and certification of a total of 24 products
- 2756.41 MWh of own PV power generation in 2023

Social

- 100% staff training coverage
- Customer complaint rate ≤ 1%

Governance

- Number of motions adopted by the General Meeting of Shareholders: 29
- Number of motions adopted by the Board of Directors: 73

Why choose CYG?

Quality

Our engineers have developed a range of high quality materials with advanced features, and we are proud of ourselves on being one of the most profitable options in the market.



Technology

This modern All-in-one solution has been developed and designed by professional engineers and has been rigorously tested to withstand the harshest weather conditions, so you can install your system outdoors or in your garage.



Pragmatism

Don't be left out in the dark, with the system's uninterrupted back-up power, you can continue to power your emergency load when the power is off suddenly, and you're still the brightest star in the night sky.





02

PRODUCT DESCRIPTION

The business involves



Powercontainer
1MW/2.064MWh



PowerMaster B215A
C&I Battery Cabinet



PowerMaster A1
C&I Hybrid ESS



PowerMaster A2
C&I Hybrid ESS



PowerMaster P2000
C&I PCS Cabinet



PowerMaster P300-500
C&I PCS Cabinet



EMS



Powercharger Single-Phase AC
7kW



Powercharger Three-Phase DC
240kW



Powercharger Three-Phase DC
120kW



Powerelf S2400
Balcony Power Station



Powermate A3.68/A4.6/A5/A6
Single-phase Residential ESS



Powermate T5/T6/T8/T10
Three-phase Residential ESS

Product Description

Residential energy storage systems



Powermate A3.68/A4.6/A5/A6 Single-phase Residential ESS



With the CYG cloud platform and mobile APP, you can monitor and manage your energy usage more effectively.



Battery selection from 5.12kWh to 40.96kWh(up to 8 batteries).




Modular-based design for easy installation, Plug-and-play.





All-in-one design to minimize the exposed electrical risks.


Model	PowermateP3.68/60	PowermateP4.6/120	PowermateP5/120	PowermateP6/120
Input(PV)				
Max PV Power	9000W			
Max PV Voltage	550V			
Max Input Current (PerMPPT)	15A			
Start Operating Voltage	90V			
MPPT Voltage Range	70V-520V			
Input(BAT)				
Compatible Battery Type	Lithium-ion			
Nominal Battery Voltage	48V			
Max.Charge/Discharge Current	120A/120A			
Max.Charge/Discharge Power	5000W/5000W		6000W/6000W	
Output(Grid)				
Nominal AC Output Power	3680W	4600W	5000W	6000W
Max.AC Output Current	18A	22A	25A	27.2A
Rated AC Voltage	230V			
Grid Connection	Single-Phase			
Output(Backup)				
Nominal Output Voltage	230V			
Nominal Output Power	3000W	4600W	5000W	6000W
Nominal Output Current	13A	20A	21.7A	26A
General				
Protection Grade	IP65			
Operating Temperature Range[°C]	-25~+60			
Cooling Method	Natural Cooling			
Mounting	Wall Bracket			
Dimensions (W*H*D)	515mm*485mm*175mm			
Weight	25Kg			
HMI&COM				
Communication Interface	RS485/CAN(forBMS),RS485,USB,DRM/RS485(forMeter),Bluetooth,Optional:WiFi/GPRS/LAN			
Certification				
Safety	IEC 62109-1&2, IEC 62040-1, IEC 62477-1, IEC62619, IEC 61000-6-1&4, IEC 61727, IEC 62116, EN50549-1;			
Grid	VDE-AR-N4105, AS 4777.2, EN 50549-1, G98/99/100, CEI 0-21, NRS 097-2-1			
Model Poweramtepack5.1				
Cell Technology	Li-ion(LFP)			
Nominal Voltage	51.2V			
Operating Voltage Range	43.2-58.4V			
Capacity	5.12kWh/100Ah			
Depth of Discharge	Cycle Life 6,000 Cycles [90% DOD 25°C]			
Max.Charge/Discharge Power	5.12kW			
Max.Charge/Discharge Current	100A/100A			
Available Charge/ Discharge Temperature Range	-10~+55°C			
Protection Grade	IP54			
Dimensions (W*H*D)	515*400*205mm			
Weight	58kg			
Certification	UN38.3.MSDS.IEC62619			


Powermate T5/T6/T8/T10/ T12/T15/T20/T25/T30 Three-phase Residential ESS


 Inverter Max efficiency 98.4%,
Battery efficiency 98%.

 Max,Charge/Discharge Current
50A.

 20kWh ~ 40kWh expandable
capacity.

 10-year warranty.

 Cable-free stackable architect-
ure.

 Compatible with third party in-
verters.



Model	PowermateT5	PowermateT6	PowermateT8	PowermateT10
Input (PV)				
Max PV Power	9000W	9000W	15000W	15000W
Max PV Voltage	1000V			
Max Input Current (PerMPPT)	15A/15A	15A/15A	20A/30A	20A/30A
Max Short Current (InputA/InputB)	20A/20A		30A/40A	
MPPT Voltage Range	160V-950V			
Input (BAT)				
Compatible Batterytype	Lithium-ion/Lead-acid			
Nominal Battery Voltage	200V-600V			
Max.Charge/Discharge Current	25A/25A	25A/25A	50A/50A	50A/50A
Max.Charge/Discharge Power	9000W/5800W	9000W/7000W	15000W/9300W	15000W/10500W
Output (Grid)				
Nominal AC Output Power	5000W	6000W	8000W	10000W
Max.AC Output Current	3*8.3A	3*10A	3*13.3A	3* 16.7A
Rated AC Voltage	380V/400V/415V,3W+N+PE			
Grid Connection	Three-Phase			
Output (Backup)				
Nominal Output Voltage	230V			
Nominal Output Power	5000W	6000W	8000W	10000W
Nominal Output Current	3*7.6A	3*9.1A	3*12.2A	3* 15.2A
General				
Protection Grade	IP65			
Operating Temperature Range[°C]	-25°C~45°C			
Cooling Method	Natural Cooling			
Mounting	Wall Bracket			
Dimensions (W*H*D)	530mm*550mm*212mm			
Weight	30Kg		32Kg	
HMI&COM				
Communication Interface	CAN/RS485(forBMS),DRM/RCR(forDI)/RS485(forMeter)1*DO, USB(Firmwareupgrade),Optional:WiFi/GPRS/4G/Ethernet			
Certification				
Safety	EN50549-1,IEC62109-1&2			
Grid	VDE-AR-N4105			
Model				
PowermatePackT5.1				
Cell Technology	Lithium-ion(LFP)			
System Capacity	20kWh~40kWh			
Pack Capacity	5.12kWh			
System Voltage	204.8V~409.6V			
Pack Operating Voltage Range	43.2-57.6V			
Cycle Life	6,000cycles[90%DOD25°C]			
Max.Charge/Discharge Power	5.12kW			
Max.Charge/Discharge Current	50A/50A,0.5C/0.5C			
Available Charge/ Discharge Temperature Range	-20~+55°C			
Protection Grade	IP65			
Dimensions(W*H*D)	660*160*400mm			
Weight	53kg			
Certification	UN38.3.MSDS.IEC62619			

Model	PowermateT12	PowermateT15	PowermateT20	PowermateT25	PowermateT30
Efficiency					
Max. Efficiency (PV to AC)	98.2%			98.4%	
Eur. Efficiency (PV to AC)	97.9%				
Max. Efficiency (BAT to AC)	98.0%				
Input(Pv)					
Max. PV Input Power	30,000W	30,000W	30,000W	45,000W	45,000W
Max. PV Voltage	1000V				
Start-up Voltage	150V				
MPPT Voltage Range	160V-950V				
Max. input Current per MPPT	32A/32A			32A/32A/32A	
Max. Short Circuit Current per MPPT	40A/40A			40A/40A/40A	
String per MPPT	2/2			2/2/2	
NOS. Of MPPT	2			3	
Input/Output (BAT)					
Battery Type	Lithium-ion/Lead-acid				
Battery Voltage Range at Rated Power	230V-800V	285V-800V	380V-800V	190V-800V	230V-800V
Battery Voltage Range	120V-800V				
Max. Charge/Discharge Current	60A/60A			2*75A/2*75A	
Max. Charge/Discharge Power	30,000W/14,400W	30,000W/18,000W	30,000W/24,000W	45,000W/36,000W	45,000W/ 36,000W
Output (Grid)					
Nominal Ac Output Power	12,000W	15,000W	20,000W	25,000W	30,000W
Max. Ac Output Power	13,200VA	16,500VA	22,000VA	27,500VA	33,000VA
Max. AC Output Power (PF=1)	13,200W	16,500W	22,000W	27,500W	33,000W
Max. AC Output Current	3*20A	3*25A	3*33.3A	3*41.7A	3*50A
Max. Single Phase power	10,000VA	10,000VA	10,000VA	11,000VA	11,000VA
Max. input Power	36.000VA	40,000VA		45.000VA	
Max. input Current	3*54.5A	3*60.6A		3*68.2A	
Nominal Grid Voltage	380V/400V/415V.3W+N+PE				
Grid Voltage Range	277V-520V(Adjustable)				
Nominal Grid Frequency	50Hz/60Hz				
Grid Frequency Range	45Hz-55Hz/55Hz-65Hz(Adjustable)				
Power Factor	>0.99 @rated power (Adjustable 0.8 LD - 0.8 LG)				
THDI	<3% (Rated Power)				
Output(Back up)					
Nominal Output Power	12,000W	15,000W	20,000W	25,000W	30,000W
Nominal Output current	3*18.2A	3*22.7A	3*30.3A	3*37.9A	3*45.5A
Peak Output Apparent Power (5min)	14,400VA	18,000VA	24,000VA	30,000VA	36,000VA
Peak Output Apparent Power(10s)	18,000VA	22,500VA	30,000VA	37,500VA	45,000VA
Nominal Output Voltage	380V/400V/415V,3W+N+PE				
Nominal Output Frequency	50Hz/60Hz				
Transfer Time	<10ms (typical)				
THDV	<3% @100% R Load				

Model	PowermateT12	PowermateT15	PowermateT20	PowermateT25	PowermateT30
Protection					
Protection Category	Class I				
DC Switch	Yes				
Anti-islanding Protection	Yes				
AC Overcurrent Protection	Yes				
DC/AC Overvoltage Protection	DC Type II, Ac Type III				
AC Short Circuit Protection	Yes				
DC Reverse Protection	Yes				
Surge Arrester	Dc Type II, AC Type II				
Insulation Resistance Detection	Yes				
Leakage Current Protection	Yes				
AFCI	Optional				
General					
Max. Operation Altitude	4000m (>2000m derating)				
Ingress Protection Degree	IP66				
Operating Temperature Range	-25°C~60°C (>45°C derating)				
Relative Humidity	0-100%				
Cooling	Natural Cooling		Smart Fan Cooling		
Mounting Method	Wall bracket				
Dimensions (W*H*D)	660mm*596mm*235mm				
Weight	45Kg		55Kg		
PV Connection Way	MC4/H4				
HMI&COM					
Display	Bluetooth & APP + LED, LCD (optional)				
Communication Interface	RS485/CAN (for BMS), RS485, DRM/RS485 (for Meter), Optional: Wi-Fi/LAN, 3*DO, 2*DI				
Certification					
Safety	IEC 62109-1&2				
EMC	IEC/EN 61000				
Grid	VDE 4105, EN 50549-1, CEI 0-21, NRS 097-2-1, RD 1699/661/647/413, UNE 217002, AS 4777.2, C10/11, IEC 61727/62116				
Warranty	10 Years				

Remarks: The range of output voltage and frequency may vary depending on different grid codes. Specifications are subject to change without advanced notice.

Powerelf-S2400 Balcony Power Station



The APP& Product supports Wifi and Bluetooth.



Uninterruptible Power System.



Fast charge mode 2h. Normal mode 4-5h. Silent mode 8-10h.



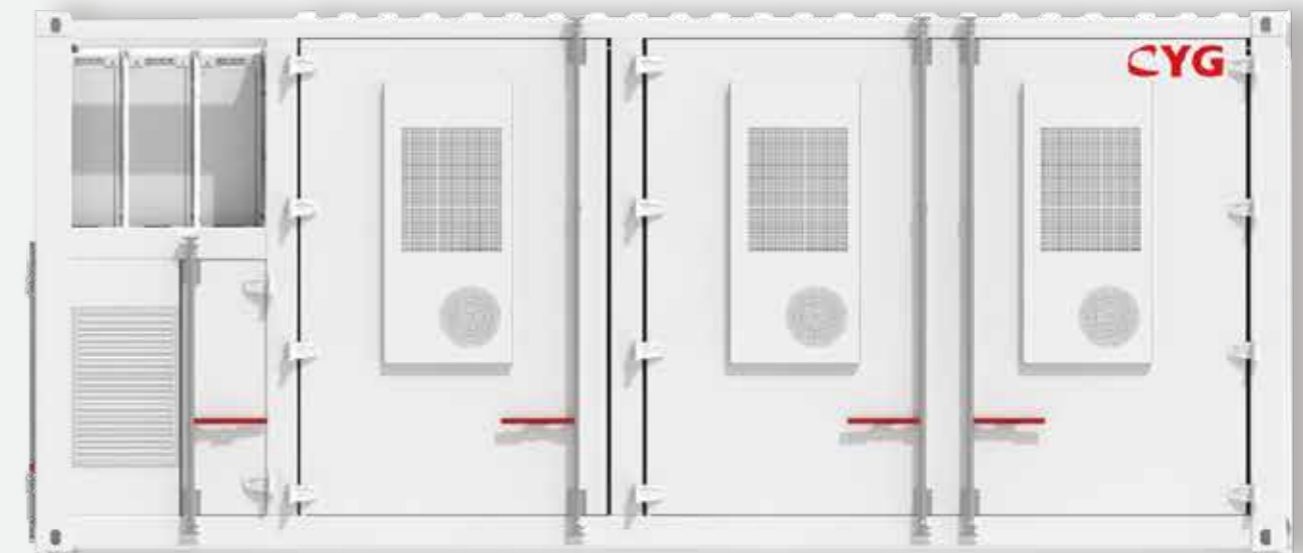
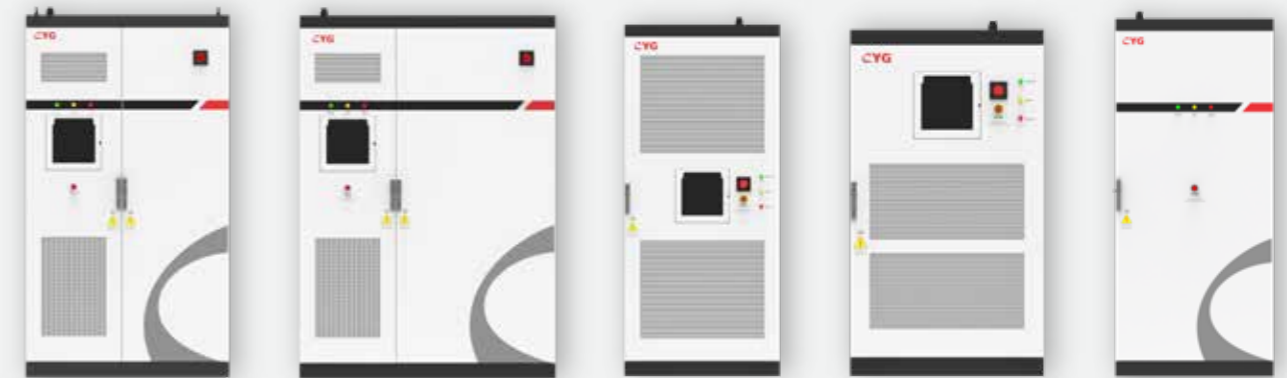
Small volume and large capacity, More portable.



SPECIFICATION	
Battery Power	2048Wh±5% Lithium iron phosphate Batteries
AC Input Charging	AC174~264V Bi-directional inverter charging power 1600W MAX
Number of parallel machines	1 Max
Solar Panel Input	PV18~150V/25A 1600W Max
DC Output	1x Cigarette Lighter 12.6V/12A Max 1×Wireless charging 15Max 2x DC Rated Output 12.6V/5A Max Total 12A Max
AC Output	Pure SineWave Output AC Continuous Output: 2400W Max AC Max Output: 4800W@0.2 seconds AC Voltage: 230VAC±10% Output Frequency: 50Hz±5%
Micro-Inverter connection output	200W/400W/600W/800W MAX Adjust the output power of grid connection through the APP or grid connection button
AC Plug support	3x 3-pin- EU outlet
USB Output	USB-A1: QC18W Max, 5V2.4A&9V2A&12V1.5A QC3.0 USB-A2: QC18W Max, 5V2.4A&9V2A&12V1.5A QC3.0 USB-C1: PD100W Max, 5V3A&9V3A&12V3A&15V3A&20V5A PD3.0 USB-C2: PD100W Max, 5V3A&9V3A&12V3A&15V3A&20V5A PD3.0
Bulb Type	3W Max, 3 Levels(L/M/H) + SOS
Operation temperature	0°C~40°C
Lifecycle 25°C 90%DOD Cycle Life	After 3000 cycles, Capacity retention ≥70% Initial Capacity (Charge and discharge power ≤1000W per time, under 25°C ambient temperature Cycle Life)
Charge While Discharge	Support
Product Size	545*305*325mm L*W*H
Product Weight	About 27kgs, without package and accessories
MultiSafety Protections	a. Short-circuit protection b. Over-current protection c. Over-voltage protection d. Low-voltage protection e. Over-load Protection f. Over-temperature protection
Certification	VDE4105/CE/ROHS/UN38.3/MSDS/OCEAN/AIR shipment Report
Three in one mosquito repellent lamp parameters	Size:36*36*144mm Weight:148g Max heating temperature:165°C±10°C Power:2w(tent mode)/3.5w(Outdoor mode) Rated voltage:5V Rated current:2A Working time:Outdoor mode: 7 hours(110°C), Tent mode: 10 hours(165°C) Battery:4800mAh Working temperature :110°C-165°C Charging time :4 hours(charging current :2A) Camping light:50lm(50h)/100lm(25h)/200lm(13h)/400lm(9h) 3200k Cable:Ty-c Charging time:2-3 times iphone 12 Water proof:IPX5
Accessories	1 x AC Power Cord-EU Standard AC 1x XT60 to MC4 Conversion Cable XT60 TO MC4 1x User manual

Product Description

Commercial and industrial energy storage systems



PowerMaster

C&I Hybrid ESS



Integrated Hybrid Technology:
The All-in-one cabinet integrates hybrid inverter and battery storage, offering a comprehensive energy management solution.



Advanced CYG EMS:
CYG's EMS ensures precise energy distribution and storage control.



Grid Independence & Cost Savings:
Connects to PV systems, reducing grid dependence and lowering energy bills.



Emergency Backup Power:
Robust energy storage ensures uninterrupted power during outages.



Model	Powermaster30kW	Powermaster60kW	Powermaster100kW
DC side			
Rated battery range	200-850V		
Maximum battery current	100	100	100
AC side (On-grid)			
Ac output power	30kVA	60kVA	100kVA
Maximum AC current	43.5A	43.5A	43.5A
Rated Grid voltage	400V/230V(-20%-15%)		
Dc side(Off-grid)			
Ac output power	400V/230V		
Maximum output power	33kVA	66kVA	109kVA
Input (PV)			
MPPT voltage range	200-830V		
Maximum PV current/maximum power	32A+32A/38.4kW	32A+32A/76.8kW	32A+32A/115.2kW
Efficiency			
Maximum efficiency	97.8%		
Other parameters			
Size (W*H*D)	1340*1170*2480mm		1680*1228*2480mm
Weight	1690kg		2830kg
Certification	CE, IEC62019, IEC62477, IEC6100, EN50549		
Grid Certification	LVRT,HVRT,SVG		

PowerMaster

C&I PCS Cabinet



Customizable for Diverse Loads:

Adapts to various power needs, integrating seamlessly with the PowermasterB215 for tailored energy storage.



Scalable Battery Setup:

Connects up to 5 battery cabinets for custom battery capacity.



Extended Backup Power:

Ensures maximum protection during outages with prolonged uninterrupted power.



Model	PowermasterP200kW	Powermaster300kW	Powermaster400kW	Powermaster500kW
DC side				
Rated battery range	600-950V			
Maximum battery current	185A			
AC side (On-grid)				
Ac output power	220kVA @40°C	330kVA @40°C	440kVA @40°C	550kVA @40°C
	200kVA @45°C	300kVA @45°C	400kVA @45°C	500kVA @45°C
Maximum AC current	152A			
Rated Grid voltage	400V/230V(-20%-15%)			
Dc side(Off-grid)				
Rated Grid voltage	400V/230V			
Maximum output power	33kVA	66kVA	109kVA	109kVA
Input (PV)				
MPPT voltage range	200-830V			
Frequency range	50/60Hz			
Efficiency				
Maximum efficiency	98.78%			
Other parameters				
Size (W*H*D)	1050*1000*1928mm	1050*1000*2480mm		
Weight	959kg	1203kg		
Certification	EN50549, EN62477, ENIEC61000,CQC			
Grid Certification	LVRT,HVRT,SVG			
Battery parameter				
Battery type	LFP			
Cell specification	3.2V/280Ah			
System composition	1P240S			
nominal voltage	768V			
voltage range	672-864V			
Rated charge/discharge rate	0.5C@25°C			
Energy efficiency	≥94.5%			

PowerMater B215A

C&I Battery Cabinet



Standardized High-Capacity Battery:

Robust 215kWh storage in a standardized cabinet.



Flexible PCS Integration:

Versatile configurations with up to 5 cabinets for custom battery capacity.



Scalable & Custom Solutions:

Adapts to diverse needs with various configurations and capacities.



Reliable Extended Backup:

Ensures maximum uptime during outages, safeguarding equipment.



PowerMaster B215A		
Name	Specification	Remark
Battery parameter		
Battery type	LFP	
Cell specification	3.2V/280Ah	
System composition	1P240S	
nominal voltage	768V	
voltage range	672-864V	
Rated charge/discharge rate	0.5C@25°C	
Energy efficiency	≥94.5%	(25±2) °C &Rate Power
Other parameters		
Size	1050*1187*2480mm	
Weight	2525kg	
Running temperature	Charge: 0~55°C	The ambient temperature range is recommended : 20°C~30°C
	Discharge: -20~55°C	
Operating humidity	5~95%	Non-marine climate
Altitude	≤ 2000m	Over 2000m derated operation

Powercontainer 1MW/2.064MWh



Responds to multiple fault scenarios; Customized BMS provides comprehensive measurement and protection functions.



Smart and User-friendly; On-grid model; Cloud dispatching and operation data analysis.



Support remote software update and components upgrade, Lower operation and maintenance costs.



Modular design, single unit management; Plug and play, supporting zero-test on site.




Model	PowerContainer
DC Data	
Battery Chemistry	Lithium Iron Phosphate (LFP)
Cell life Cycle	80% Retention With 5,000 Cycles @ 0.5C 25°C
Cell Spec	3.2V/280Ah
String Configuration	1P384S
Number of Strings	6
DC rated Energy/Capacity	2,064kWh
Rated Voltage	1,228.8V
Voltage Range	1,075.2V~1,363.2V
BMS Communication Interface	RS485, Ethernet
BMS Communication Protocol	Modbus RTU, Modbus TCP
AC Data	
Nominal AC Power	1,000kW
Rated AC Power	1,200kW
Maximum AC Power	1,320kW
Rated Poltage	690V
Grid Voltage Range	586.5~759V(Optional)
AC Rate of Current	836.8A
Output THDi	<3%
AC PF	0.1~1 Leading or Lagging (Controllable)
AC Output	3P+PE
General Data	
Dimension w/o Clearances (L*W *H)	6,058x2,438x2,591mm
Weight of The Whole System	26.5t
Degree of Protection	IP54
Operating Temperature Range	-20~40°C(Max. -30~55°C)
Relative Humidity	0~95% (Non-condensing)
Max Working Altitude	3,000m/9,842Feet (Non-derating)
Cooling Concept of DC Hatch	Air Cooling
Fire Fighting System	FK-5-1-12 (NOVEC1230)
Communication Interfaces	RS485, Ethernet
Certificates	UL9540, UN3536


Product Description


Intelligent Operation and Maintenance System





Energy storage monitoring and energy management systems.

-  Supports 10 million four-remote signal access, and supports panoramic acquisition and control of GW-class energy storage power plants.

-  Possesses full life cycle monitoring and condition maintenance technology for batteries and PCS.

-  Functional control technology with power station zoning.

-  Layers of protection, comprehensively guarantee the safe and stable operation of energy storage power stations.

-  Able to realize millisecond switching, support accident recall and inversion, data millisecond storage without loss.

PRS-3000

(EMS Energy Management System - Grid Side)



PRS-3000

(EMS Energy Management System - New Energy Generation Side)



Cloud platform



Product Description

Electric Vehicle Charging System



Powercharger Three-Phase DC 240kW

Security

Three-layer security system covering AC side power module/DC side with full protection. Multiple protection mechanisms, complete electrical safety detection and protection solutions.

Flexible

Multiple communication methods with flexible network modules. Multiple charging modes by amount, time, power, and automatically filled. Multiple payment methods in support of IC card and account passwords.


Convenient


Using touch LCD screen to prompt the whole process of operation. Real-time display of working status, easy to set parameters.





PRS-7576 Series	Parameter		
input & output			
Power Supply	3P+N+PE		
Input Voltage	AC380~400V		
Input Frequency	50/60HZ		
Rated Power	150KW	180KW	240KW
Output Voltage Range	150-1000V		
Constant Power Range	300V-1000V		
Rated Output Current	150A	180A	240A
Charging Interface	CCS2		
Number of Connector	Single /Dual (Opt)		
Cable Length	5m		
Efficiency	≥94%		
Stand by Power	<n×50W,(N Denotes the Number of Connection)		
Communication&Interface			
Display	7"color touch screen		
Payment	RFIDCards		
Networking	Ethernet/RS485/CAN/4G		
LED Indicator	Green/Yellow/Red		
Emergency Stop	Yes		
Safety			
Protection	Over/Under Voltage Protection, Over-current Protection, Short Circuit Protection, Ground Protection, Over-TempProtection, Lightning Protection		
Certification	CE、CB		
Certification Standard	EN/IEC61851-1:2019,EN61851-23:2014, EN61851-24:2014		
Ingress Protection	IP54		
RCD	Tpye A		
Working Environment			
Operation Temperature	-30°C~+55°C		
Storage Temperature	-40°C~+60°C		
Operation Attitude	<2000m		
Operation Humidity	5%~95%(Without Condensation)		
Installation	Floor-stand		
Cooling Methods	Fan cooling		
Mechanical			
Structural Type	Integrated		
Dimension	1900*700*550mm (L*W *H)		
Weight	360kg	380kg	400kg

Powercharger Three-Phase DC 120kW

 Three-layer security system covering AC side/power module/DC side with full protection.

 Multiple communication methods with flexible network modules.

 IP54 protection grade, using international and domestic first-class components.

 Using touch LCD screen to prompt the whole process of operation.




Powercharger Three-phase DC 120kw	
input & output	
Power Supply	3P+N+PE
Input Voltage	AC380~400V
Input Frequency	50/60HZ
Rated Power	60/90/120kW
Output Voltage Range	150-1000V
Constant Power Range	300V-1000V
Rated Output Current	60/90/120A
Charging Interface	CCS2
Number of Connector	1 or 2
Cable Length	5m
Efficiency	≥94%
Stand by Power	<n×50W,(N Denotes the Number of Connection)
Communication&Interface	
Payment	RFIDCards
Networking	Ethernet/RS485/CAN/4G/Wifi/Bluetooth
LED Indicator	Green/Yellow/Red
Emergency Stop Button	Yes
Safety	
Protection	Over/Under Voltage Protection, Over-current Protection, Short Circuit Protection, Ground Protection, Over-TempProtection, Lightning Protection
RCD	Tpye A
Certification	CE,EN/IEC61851-1:2017, EN/IEC61851-21-2-2018
Protectiongrade	IP54
Working Environment	
Operation Temperature	-20°C~+55°C
Storage Temperature	-40°C~+60°C
Operation Attitude	<2000m
Operation Humidity	5%~95%(Without Condensation)
Cooling Methods	Fan cooling
Installation	Floor-stand
Mechanical	
Structural Type	Integrated
Dimension	1900*700*550mm (L*W *H)
Weight	340~400kg

Powercharger Single-Phase AC 7kw

 Multiple protection mechanisms, complete electrical safety detection and protection solutions.

 Multiple communication methods with flexible network modules.

 IP65 protection grade , using international and domestic first-class components.

 Convenient charging, plug and play.

Powercharger Single-phase AC 7kw	
input & output	
Power Supply	1P+N+PE
Input Voltage	230VAC
Input Frequency	50HZ ±1HZ
Rated Power	7kW
Output Voltage	AC 230V
Rated Output Current	AC 32A
Number of Connector	Single
Charging Connector	Type 2
Cable Length	3m
Stand by Power	<15W
Communication&Interface	
Payment	RFIDCard
Networking	Ethernet/RS485/CAN/4G/Wifi/Bluetooth
LED Indicator	Green/Yellow/Red
Emergency Stop Button	Yes
Safety	
Protection	Over/Under Voltage Protection, Over-current Protection, Short Circuit Protection, Ground Protection, Over-TempProtection, Lightning Protection
RCD	30mA TpyeA+6mA DC
Protection Grade	CE,EN/IEC61851-1:2017, EN/IEC61851-21-2-2018
Certification	IP65
Warranty	2 years
Working Environment	
Operation Temperature	-30 °C ~+50 °C
Storage Temperature	-40 °C~+60 °C
Operation Attitude	<2000m
Operation Humidity	5%~95% (without Condensation)
Cooling Methods	Natural cooling
Mechanical	
Mounting Type	Column Mounted (Floor Mounted) or Wall Mounted Install Optional
Dimension	239 *151.5 *96mm
Weight	8.5kg

03

SERVICE INTRODUCTION

SERVICE INTRODUCTION

Pre-sales support

Free Technical Consultation
Provide optimal solutions



In-sale tracking

Full follow-up to ensure the smooth progress of the project;
Supporting customer site visits and result checking
Provide professional advice on solution optimization



After-sales service

Provide after-sales technical consultation and training services
Continuously improve the product according to user feedback
Support product remote upgrade




04


APPLICATION CASES




05

CONTACT US

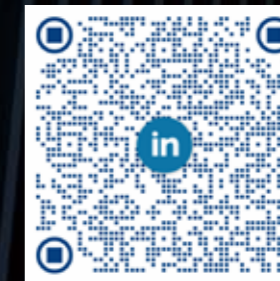
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