



Company Profile

Overall EV Charging Solution Provider

XINYA DONGFANG ELECTRICITY TECHNOLOGY CO., LTD



A large, dark blue hexagon with a gradient, containing the word 'CONTENTS' in white, serif, all-caps font. It is surrounded by several smaller, semi-transparent hexagons in shades of blue and grey.

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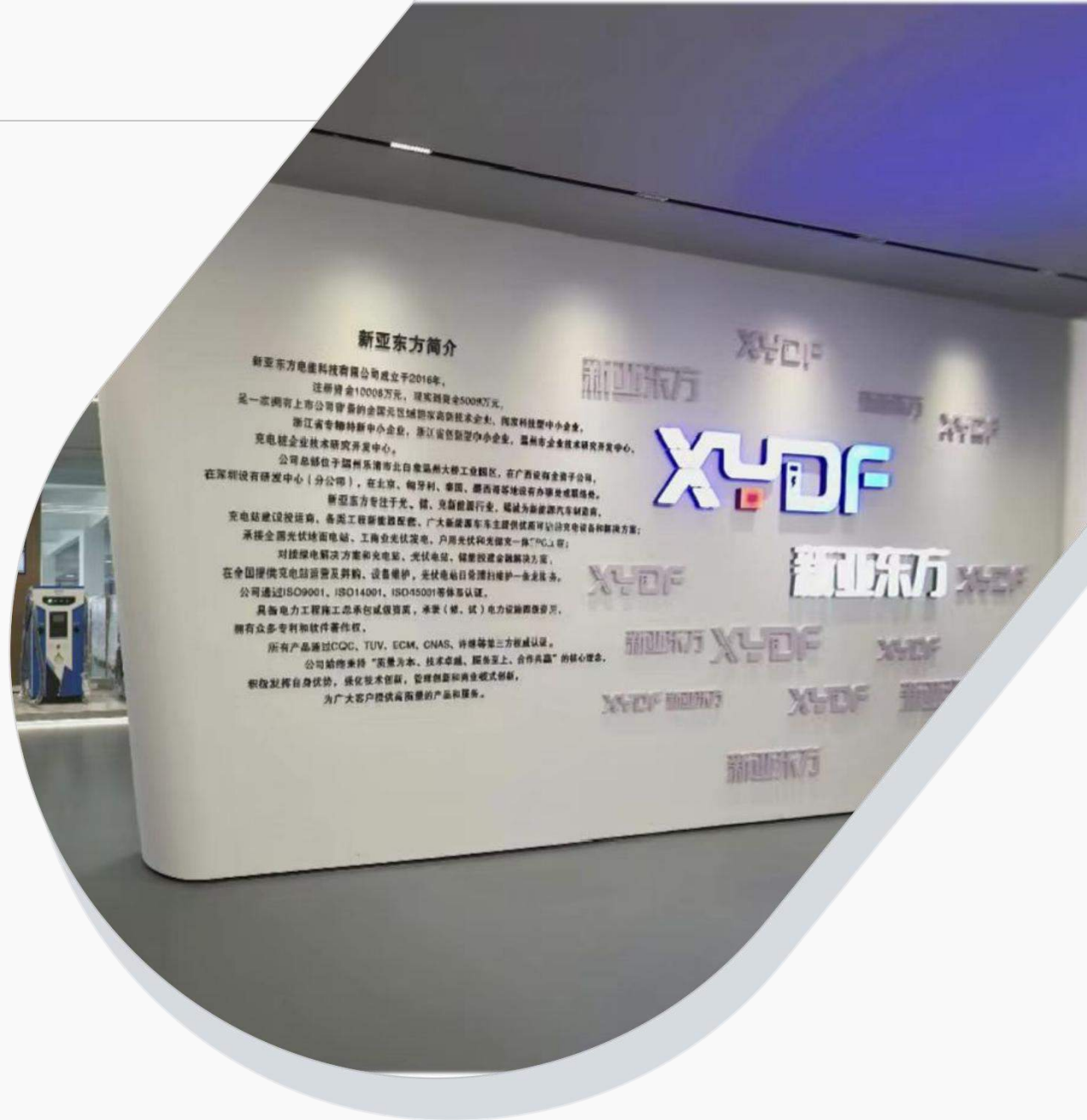
PART 01

Company Profile

About Us

Company Profile

- 01 Founded in 2016, EV charging and Solar energy All-in-one solution provider.
- 02 High-tech enterprise, manufacturing facility in Wenzhou and R&D center in Shenzhen.
- 03 Production facility: 150,000m² landscape and 400,000m² building area.
- 04 Provide All-in-one solutions for station R&D, manufacturing, installation and operation.
- 05 Supported by an SSE listed company (SSE Stock Code: 605277).





External Facade of Factory



Work in Process



RGV (rail guide vehicle) With SOP (Standard Operating Procedure) Display



Finished Product



AC EVSE Analyzer Simulator

simulate as an EV to provide a test environment for AC charger



DC EVSE Analyzer Simulator

simulate as an EV to provide a test environment for DC charger



High And Low Temperature Test Chamber

create a high or low temperature environment to test the charger



Burn-in System

burn-in test could find the problems that may exist in long-term use of charging

SMT (surface mount technology) Equipment



Solder Paste Printer

print solder paste onto PCB
(printed circuit board)



Reflow Soldering Machine

heat and melt the solder paste
to bond the component and PCB



High-Speed Surface Mounter

place the component onto PCB



AOI (Automated Optical Inspection)

detect surface mounting errors

Certifiante



TÜV CE Certificate



Quality Management System Certificate



Test Report



CQC Certificate



Software Copyright Registration Certificate



National Patent Certificate



National High-tech Enterprise Certificate

Cooperative Partner



南方电网电动汽车服务有限公司



Nader



Potevio 中国普天



PART 02

Product Catalogue

Full range of AC and DC chargers from 7 kW to 480 kW

AC Series

7KW-22KW



Service Objects:

Passenger Vehicles and Commuter Vehicles etc.

Application scenarios:

Residence, community, workplace, commercial area, hotel and factory etc.

AC Wall Hanging 7/11/22 kW With Single Charging Gun



Output Plug:



Type1



Type 2



GB / T

Model	XY AC-22-7KW-J	XY AC-22-11KW-J	XY AC-22-22KW-J	
	XY AC-E22-7KW-J	XY AC-E22-11KW-J	XY AC-E22-22KW-J	
Electrical Parameters	Power Connection	1P+N+PE	3P+N+PE	3P+N+PE
	Input/ Output Voltage	230VAC±10%	400VAC±10%	400VAC±10%
	Frequency	50HZ±10%	50HZ±10%	50HZ±10%
	Rated Power	7 kW	11 kW	22 kW
	Rated Current	32A	16A	32A
General Specifications	Charging Standard	IEC61851-1, IEC62196-22, GB/T 18487.1-2015		
	AC Plugs	Type2, GB/T		
	Number of Output Plugs	1		
	RCD	Type A+6mA DC		
	RFID System	Mifare (Classic, DesFire EV1) or others on request		
	Communication	LAN/Wi-Fi /GPRS (optional)		
	Communication Protocols	Customizable		
	Place of installation	Indoor and outdoor		
	Altitude	2000m		
	Waterproof Standard	IP65		
	Operating Temperature	-20-50°C (Derating over 50°C)		
	Storage Temperature	-40-70°C		
	Humidity	5%~95% without condensation		
	Cooling Mode	Natural cooling		
	Length of Charging Cable	4m (optional)		
	Dimensions(W*D*H)	190*100*358mm		

AC Wall Hanging 7 kW With Single Charging Gun



Output
Plug:



Type1



Type 2



GB / T

Model		XY AC-7KW-P / XY AC-E7KW-P
Electrical Parameters	Power Connection	1P+N+PE
	Input/Output Voltage	230VAC±10%
	Frequency	50HZ±10%
	Rated Power	7 kW
	Rate Current	32A
General Specifications	Charging Standard	IEC61851-1, IEC62196-22, GB/T 18487.1-2015
	AC Plugs	Type2, GB/T
	Number of Output Plugs	1
	RCD	Type A+6mA DC
	Display	4.3" TFT Color touch screen
	Language	English/ Chinese or others on request
	RFID System	Mifare (Classic, DesFire EV1) or others on request
	Communication	LAN/Wi-Fi /GPRS (optional)
	Communication Protocols	Customizable
	Place of Installation	Indoor and outdoor
	Altitude	2000m
	Waterproof Standard	IP54
	Operating Temperature	-20-50°C (Derating over 50°C)
	Storage Temperature	-40-70°C
	Humidity	5%~95% without condensation
	Cooling Mode	Natural cooling
	Length of Charging Cable	4m (optional)
Dimensions(W*D*H)	185*80*270mm	

AC Wall Hanging 14 kW With Double Charging Guns



Output Plug:



Type1



Type 2



GB / T

Model	XY AC-14KW / XY AC-E14KW	
Electrical Parameters	Power Connection	1P+N+PE
	Input Voltage	220VAC±10%
	Rated Power	14 kW
	Rated Current	32A*2
	Frequency	45~65Hz
General Specifications	Charging Standard	IEC61851-1, IEC62196-22, GB/T 18487.1-2015
	AC Plugs	Type2, GB/T
	Number of Output Plugs	2
	RCD	Type A+6mA DC
	Display	4.3" TFT Color touch screen
	Language	English/ Chinese or others on request
	RFID System	Mifare (Classic, DesFire EV1) or others on request
	Communication	LAN/Wi-Fi /GPRS (optional)
	Communication Protocols	OCPP1.6
	Place of Installation	Indoor and outdoor
	Cooling Mode	Forced aircooling
	Altitude	2000m
	Waterproof Standard	IP54
	Operating Temperature	-20~50°C (Derating over 50°C)
	Storage Temperature	-40~70°C
	Humidity	5%~95%without condensation
	Cooling Mode	Natural cooling
Length of Charging Cable	4m (optional)	
Dimensions(W*D*H)	280*100*400mm	

AC Wall Hanging 7/11/22kW With Single Charging Gun



Output
Plug:



Type1



Type 2



GB / T

Model		XY AC-7KW	XY AC-11KW	XY AC-22KW
		XY AC-E7KW	XY AC-E11KW	XY AC-E22KW
Electrical Parameters	Power Connection	1P+N+PE	3P+N+PE	3P+N+PE
	Input/Output Voltage	230VAC±10%	400VAC±10%	400VAC±10%
	Frequency	50HZ±10%	50HZ±10%	50HZ±10%
	Rated Power	7 kW	11 kW	22 kW
	Rated Current	32A	16A	32A
General Specifications	Charging Standard	IEC61851-1, IEC62196-22, GB/T 18487.1-2015		
	AC Plugs	Type2, GB/T		
	Number of Output Plugs	1		
	RCD	Type A+6mA DC		
	Display	4.3" TFT Color touchscreen		
	Language	English/ Chinese or others on request		
	RFID System	Mifare (Classic, DesFire EV1) or others on request		
	Communication	LAN/Wi-Fi /GPRS (selective assembly)		
	Communication Protocols	Customizable		
	Place of Installation	Indoor and outdoor		
	Altitude	2000m		
	Waterproof Standard	IP54		
	Operating Temperature	-20-50°C (Derating over50°C)		
	Storage Temperature	-40-70°C		
	Humidity	5%~95% without condensation		
	Cooling Mode	Natural cooling		
	Length of Charging Cable	4m (optional)		
Dimensions(W*D*H)	224*100*320mm	280*100*400mm		

AC Advertising 14 kW With Double Charging Guns



Output
Plug:



GB / T

Model		XY AC-14KW
Electrical Parameters	Power Connection	1P+N+PE
	Input/Output Voltage	220VAC ± 10%
	Frequency	50HZ ± 10%
	Rated Power	14kW
	Rated Current	32A*2
General Specifications	Charging Standard	GB/T 18487.1-2015
	AC Plugs	GB/T
	Number of Output Plugs	2
	RCD	Type A+6mA DC
	Display	21" TFT Color touchscreen
	Language	English/ Chinese or others on request
	RFID System	Mifare (Classic, DesFire EV1) or others on request
	Communication	LAN/Wi-Fi /GPRS (optional)
	Communication Protocols	Customizable
	Place of Installation	Indoor and outdoor
	Altitude	2000m
	Waterproof Standard	IP54
	Operating Temperature	-20-50°C (Derating over 50°C)
	Storage Temperature	-40-70°C
	Humidity	5%~95% without condensation
	Cooling Mode	Natural cooling
	Length of Charging Cable	4m (optional)
Dimensions(W*D*H)	516*169*1308mm	

DC Series

20KW-480KW



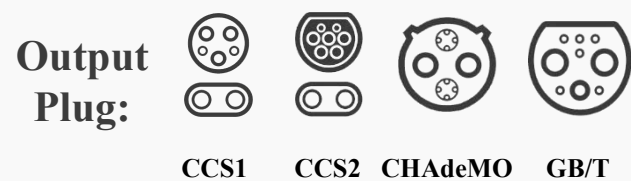
Service Objects:

Passenger Vehicles, Commercial Vehicles and Engineering Machineries etc.

Application scenarios:

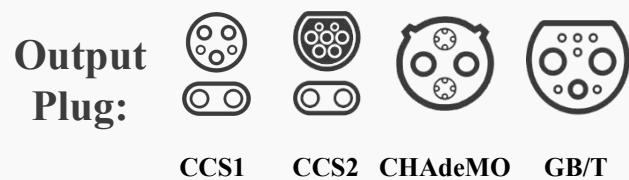
Highway service area, logistics park, commercial center, shopping mall and tourist attraction.

DC Portable 20/40 kW With Single Charging Gun



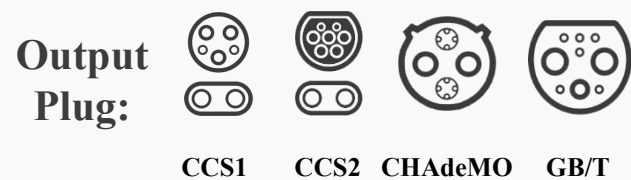
Model	XY DC-Y40 20KW	XY DC-Y40-40KW	
	XY DC-EY40 20KW	XY DC-EY40-40KW	
Nominal Input	Power Connection	3P+N+PE	
	Voltage & Frequency	400VAC±10%; 45~65Hz	
	Total Harmonic Wave Factor	THD<5%	
	Power Factor	≥0.99	
Output Parameters	Voltage	200-1000Vdc	
	Max. Current	50A	100A
	Max. Power	20 kW	40 kW
	Number of Output Plugs	1	
	Steady Current Precision	±0.5%	
	Output Current Precision	≤±1% (≥30A) ≤0.3A (<30A)	
	Output Voltage Precision	±0.5%	
	Efficiency	≥94%	
	General Specifications	Charging Standard	EN/IEC 61851-1, EN/IEC 61851-21, EN/IEC 61851-23, GB/T20234.3-2015, GB/T18487.1-2015
DC Plug		CCS2, GB/T	
Display		4.3" TFT Color touch screen	
Language		English/ Chinese or others on request	
RFID System		Mifare (Classic, DesFire EV1) or others on request	
Communication		LAN/Wi-Fi /GPRS (optional)	
Communication Protocols		OCPP1.6, GB/T 27930-2015	
Place of Installation		Indoor and outdoor	
Cooling Mode		forced air cooling	
Altitude		2000m	
Waterproof Standard		IP32	
Operating Temperature		-20~50°C(Derating over 50°C)	
Storage Temperature		-40~70°C	
Humidity		5%~95% without condensation	
Sound Noise		<65 dB in all direction	
Length of Charging Cable		5m (optional)	
Dimensions(W*D*H)	500*260*550mm		

DC Wallhanging 40 kW With Single Charging Gun



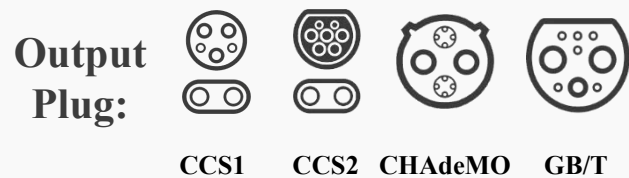
Model		XY DC-40P-40KW / XY DC-E40P-40KW
Nominal Input	Power Connection	3P+N+PE
	Voltage Frequency	400VAC ± 10%; 45~65Hz
	Total Harmonic Wave Factor	THD<5%
	Power Factor	≥0.99
Output Parameters	Voltage	200-750/1000Vdc
	Max. Current	133A
	Max. Power	40 kW
	Number of Output Plugs	1
	Steady Current Precision	±0.5%
	Output Current Precision	≤±1% (≥30A) ≤0.3A (<30A)
	Output Voltage Precision	±0.5%
Efficiency	≥94%	
General Specifications	Charging Standard	EN/IEC 61851-1, EN/IEC 61851-21, EN/IEC 61851-23, GB/T20234.3-2015, GB/T18487.1-2015
	DC Plugs	CCS2, GB/T
	Display	4.3" TFT Color touch screen
	Language	English/ Chinese or others on request
	RFID System	Mifare (Classic, DesFire EV1) or others on request
	Communication	LAN/Wi-Fi /GPRS (optional)
	Communication Protocols	OCPP1.6, GB/T 27930-2015
	Place of Installation	Outdoor
	Cooling Mode	forced air cooling
	Altitude	2000m
	Waterproof Standard	IP54
	Operating Temperature	-20~50°C(Derating over 50°C)
	Storage Temperature	-40-70°C
	Humidity	5%~95% without condensation
	Sound Noise	<65 dB in all directions
Length of Charging Cable	5m (optional)	
Dimensions(W*D*H)	560mm*260mm*610mm	

DC All-In-One 60/120 kW With Double Charging Guns



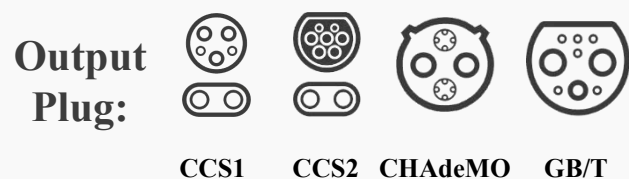
Model	XY DC-E120-60KW	XY DC-E120-120KW	
Nominal Input	Power Connection	3P+N+PE	
	Voltage & Frequency	400VAC \pm 10%; 45~65Hz	
	Total Harmonic Wave Factor	THD<5%	
	Power Factor	\geq 0.99	
Output Parameters	Voltage	200-750/1000Vdc	
	Max. Current	100A*2	200A*2
	Max. Power	60 kW	120 kW
	Number of Output Plugs	2	
	Steady Current Precision	\pm 0.5%	
	Output Current Precision	\leq \pm 1% (\geq 30A) \leq 0.3A (<30A)	
	Output Voltage Precision	\pm 0.5%	
	Efficiency	\geq 94%	
General Specifications	Charging Standard	EN/IEC 61851-1, EN/IEC 61851-21, EN/IEC 61851-23, GB/T20234.3-2015, GB/T18487.1-2015	
	DC Plugs	CCS2, GB/T	
	Display	7" TFT Color touch screen	
	Language	English/ Chinese or others on request	
	RFID System	Mifare (Classic, DesFire EV1) or others on request	
	Communication	LAN/Wi-Fi /GPRS (optional)	
	Communication Protocols	OCPP1.6, GB/T 27930-2015	
	Place of in Installation	Outdoor	
	Cooling Mode	forced air cooling	
	Altitude	2000m	
	Waterproof Standard	IP54	
	Operating Temperature	-20~50°C (Derating over 50°C)	
	Storage Temperature	-40~70°C	
	Humidity	5%~95% without condensation	
Sound Noise	<65 dB in all directions		
Length of Charging Cable	5m (optional)		
Dimensions (W*D*H)	700*600*1500mm		

DC All-In-One 160/180/240 kW With Double Charging Guns



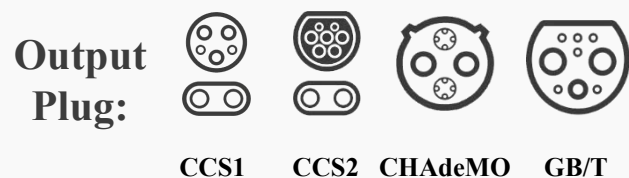
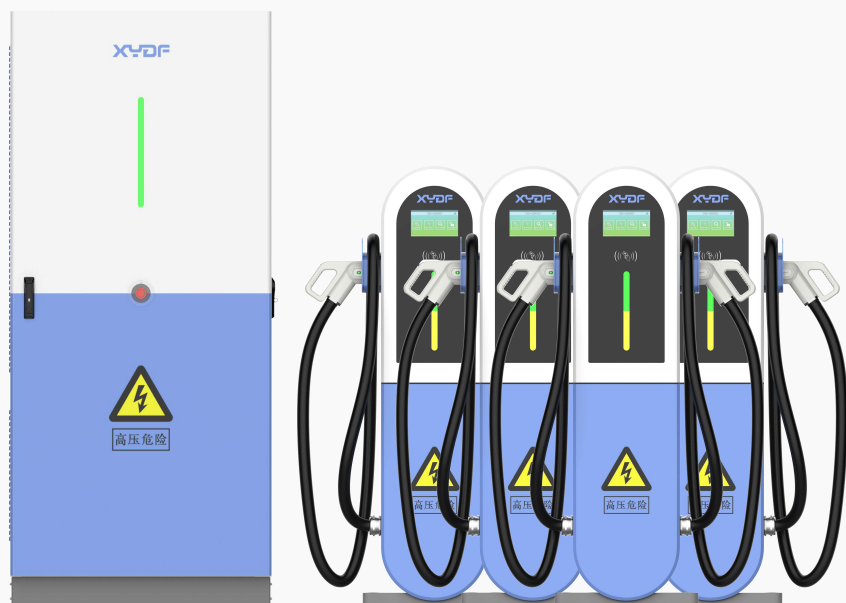
Model		XY DC-240-160KW XY DC-E240-160KW	XY DC-240-180KW XY DC-E240-180KW	XY DC-240-240KW XY DC-E240-240KW
Nominal Input	Power Connection	3P+N+PE		
	Voltage & Frequency	400VAC±10%; 45~65Hz		
	Total Harmonic Wave Factor	THD<5%		
	Power Factor	≥0.99		
Output Parameters	Voltage	200-1000Vdc		
	Max. Current	200A*2		
	Max. Power	160 kW	180 kW	240 kW
	Number of Output Plugs	2		
	Steady Current Precision	±0.5%		
	Output Current Precision	≤±1% (≥30A) ≤0.3A (<30A)		
	Output Voltage Precision	±0.5%		
	Efficiency	≥94%		
General Specifications	Charging Standard	EN/IEC 61851-1, EN/IEC 61851-21, EN/IEC 61851-23, GB/T20234.3-2015, GB/T18487.1-2015		
	DC Plugs	CCS2, GB/T		
	Display	7" TFT Color touch screen		
	Language	English/ Chinese or others on request		
	RFID System	Mifare (Classic, DesFire EV1) or others on request		
	Communication	LAN/Wi-Fi /GPRS (optional)		
	Communication Protocols	OCPP1.6, GB/T 27930-2015		
	Place of Installation	Outdoor		
	Cooling Mode	forced air cooling		
	Altitude	2000m		
	Waterproof Standard	IP54		
	Operating Temperature	-20~50°C (Derating over 50°C)		
	Storage Temperature	-40~70°C		
	Humidity	5%~95% without condensation		
	Sound Noise	<65 Db in all directions		
Length of Charging Cable	5m (optional)			
Dimensions(W*D*H)	710*630*1700mm			

DC All-In-One 120/160/180 kW With Double Charging Guns



Model	XY DC-E180-120KW	XY DC-E180-160KW	XY DC-E180-180KW	
Input Parameters	Power Connection	3P+N+PE		
	Voltage & Frequency	400VAC±10%; 45~65Hz		
	Total Harmonic Wave Factor	THD<5%		
	Power Factor	≥0.99		
Output Parameters	Voltage	200-1000Vdc		
	Max. Current	250A*2		
	Max. Power	120 kW	160 kW	180 kW
	Number of Output Plugs	2		
	Steady Current Precision	±0.5%		
	Output Current Precision	≤±1% (≥30A) ≤0.3A (<30A)		
	Output Voltage Precision	±0.5%		
	Efficiency	≥94%		
General Specifications	Charging Standard	EN/IEC 61851-1, EN/IEC 61851-21, EN/IEC 61851-23, GB/T20234.3-2015, GB/T18487.1-2015		
	DC Plugs	CCS2, GB/T		
	Display	7" TFT Color touch screen		
	Language	English/ Chinese or others on request		
	RFID System	Mifare (Classic, DesFire EV1) or others on request		
	Communication	LAN/Wi-Fi /GPRS (optional)		
	Communication Protocols	OCPP1.6, GB/T 27930-2015		
	Place of Installation	Outdoor		
	Cooling Mode	forced air cooling		
	Altitude	2000m		
	Waterproof Standard	IP54		
	Operating Temperature	-20~50°C (Derating over 50°C)		
	Storage Temperature	-40~70°C		
	Humidity	5%~95% without condensation		
	Sound Noise	<65 dB in all directions		
	Length of Charging Cable	5m (optional)		
Dimensions (W*D*H)	750*550*1700mm			

DC Split Type 320/480 kW With Eight Charging Guns



Model	XY DC-480-8F-320KW	XY DC-480-8F-480KW	
	XY DC-E480-8F-320KW	XY DC-E480-8F-480KW	
AC Input Parameters	System Power	320 kW	480 kW
	AC Input Voltage	400Vac	
	AC Power Frequency	50/60Hz	
	Input Power Factor	>0.99	
	Total Harmonic Factor	THD<5%	
System Output Parameters	Output Voltage	200~750/1000Vdc	
	Number of Output Plugs	8	
	output	Maximum any single plug output current: 250A	
	Stable Flow Accuracy	±0.5%	
	Output Current Error	±1% (at30A) 0.3A (when<30A)	
	Output Voltage Error	±0.5%	
	Peak Efficiency	≥95%	
Essential Parameters	RFID System	Mifare (Classic, DesFire EV1) or others on request	
	Communication	LAN/Wi-Fi /GPRS (optional)	
	Defensive Function	Input under voltage, output over voltage, overcurrent, short circuit. Over temperature, under voltage alarm, leakage protection, abnormal connection, battery reverse connection, emergency stop and other protection functions.	
	Communication Protocols	OCPP1.6, GB/T 27930-2015	
	Charging Standard	EN/IEC 61851-1, EN/IEC 61851-21, EN/IEC 61851-23, GB/T20234.3-2015, GB/T18487.1-2015	
	DC Plugs	CCS2, GB/T	
	Split Cabinet Screen Size	7 Inches	
	Language	English/ Chinese or others on request	
	Noise	≤65 dB	
	Place of Installation	Outdoor	
	Waterproof Standard	IP54	
	Work Temperature	-20~50°C	
	Storage Temperature	-40~70°C	
	Cooling Mode	forced air cooling	
	Humidity	5%~95% without condensation	
Altitude	<2000m		
Length of Charging Cable	5m (optional)		
Split Volume (W*D*H)	350mm*200mm*1400mm		
Volume of Main Cabinet (W*D*H)	900mm*900mm*2050mm		



PART 03

Charging Station Case

Build Your Smart EV Charging Business

XYDF “PV+BESS+EV Charger” System

Power Generation: Garage roof with solar panel

- 272 m²
- 108pcs bifacial modules
- 550w/pc
- Total 59.4kw

Power Storage: Spare power in energy storage

- PCS: 125kW
- Capacity: 215kWh

Charging Facilities:

- 16 parking spaces
- 2 x 120kW DC chargers
- 2 x 14 kW AC chargers



Huizhou Parking Station

Charging Facilities:

- 10 x 160 kW DC chargers
- 12 x 120 kW DC chargers

Intended Service Clients:

- Suitable for taxis
- Logistics vehicles
- Private cars

Performance:

- Avg: 180,000 kWh/month
- Max: 2800kWh/hr



Charging Station Case



Ningbo charging station



Guangzhou charging station



Shanwei Zhongwo charging station



Ningbo charging station



Ganzhou Chongyi charging station



Foshan Nanhai charging station

Charging Station Case



Guangzhou Taibang logistics charging station



Foshan Nanhai charging station



Shanwei charging station



Guangdong Foshan charging station

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