EV CHARGING SOLUTIONS

AC Chargers | DC Fast Chargers | High-Power Charging



www.xinya-ee.com

Power Your EV

XINYA DONGFANG ELECTRICITY TECHNOLOGY CO., LTD.

Website: www.xinya-ee.com
Email: service@xinya-ee.com
Headquarters: No.2, Changjiang Road, Wenzhou City, Zhejiang Province
R&D Center: Shenkai Industrial Park, Bao'an District, Shenzhen

Nov. 12th, 2026

CONTENTS

01 ABOUT XYDF

01 Company Overview

02 Why Choose XYDF

03 Solution & Case

02 EV CHARGING PRODUCTS

04 7-22 kW AC Charger

14 20–40 kW Mobile DC Charger

16 30-40 kW DC Charger

20 60-400 kW DC Charger

32 480-960kW Charging Stack

36 400-520 kW DC-DC Charger

03 EV CHARGER PRODUCT PORTFOLIO

38 Product Portfolio

IN-HOUSE EV CHARGER PRODUCTION FOR GLOBAL MARKETS

Backed by listed group company Xinya Electronic Co., Ltd. (Stock Code: 605277), XYDF leverages strong corporate resources and dedicated EV charging expertise to deliver integrated charging solutions, customized product development, and OEM/ODM services for global partners.



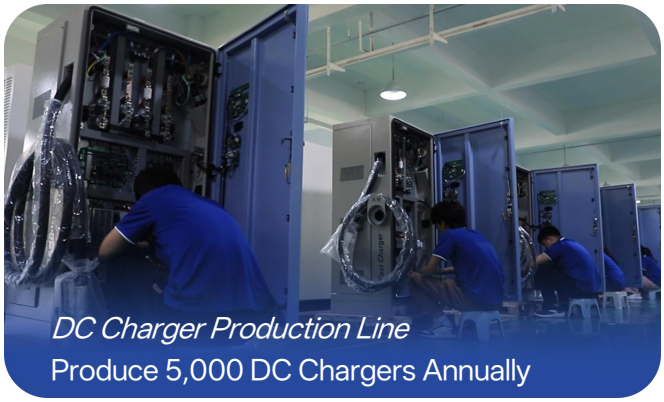
Headquarters & Production Facility
Wenzhou 40,000 m²



R&D Center
Shenzhen 1000 m²



AC Charger Production Line
Produce 20,000 AC Chargers Annually



DC Charger Production Line
Produce 5,000 DC Chargers Annually



SMT Workshop
Precision in Every Detail

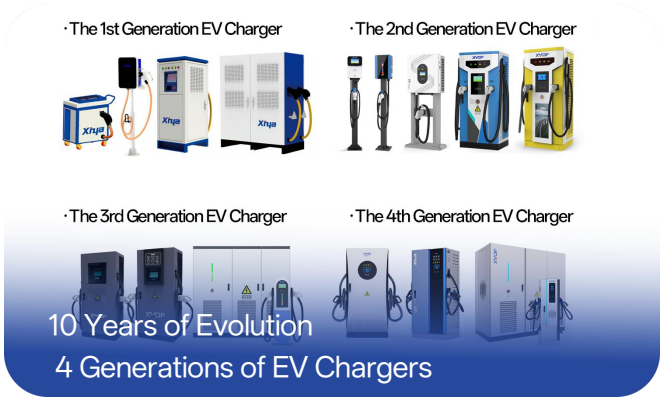


EVSE Analyzer Simulator
Reliability in Every Test

10 years	40,000 m²	20+	200+
EV Charger Experience	Production base	R&D members	Employees

BUILT ON DEEP INDUSTRY EXPERIENCE ENGINEERED FOR QUALITY STANDARDS

With 10 years of EV charging experience, XYDF combines strong engineering and manufacturing capabilities with a mature supply chain and global certification expertise to deliver reliable charging products and customized solutions for diverse applications and markets worldwide.



10 Years of Evolution
4 Generations of EV Chargers



20+ R&D Experts with Multidisciplinary Expertise



3,000+ Trusted Electrical Component Suppliers in Wenzhou



Backed by Our Cable & Charging Connector Sister Company



The First-Generation EV Charger Has Been in Operation for Nearly 10 Years.



10,000+ EV Chargers Produced and Installed Worldwide

CE CB UKCA

TÜVRheinland CERTIFIED
Safety
Quality
Functionality
www.tuv.com
ID 0000000888

FROM NEEDS TO SOLUTIONS CUSTOMIZED CHARGING FOR PROJECT

XYDF delivers end-to-end EV charging solutions, with more than 10,000 EV chargers installed worldwide. With extensive project experience across diverse charging scenarios, XYDF helps partners turn charging requirements into reliable, practical solutions.


Fleet Charging Solution


Enterprise Parking Charging Solution


EV Charging Solutions for Car Dealerships


Ultra-low Temperature Charging Solution



Heavy Truck Charging Solution



PV+BESS+Charging Solution

PROJECT NEEDS > SOLUTION DESIGN > PRODUCT CUSTOMIZATION > TESTING & CERTIFICATION > PRODUCTION & DELIVERY > INSTALLATION & SUPPORT

XY AC-E7KW-P Series

Touch Screen AC EV Charger

This mini AC EV charger is designed for flexible installation in residential and commercial parking spaces where vehicles stay parked for extended periods. Its sleek and compact design minimizes space requirements while providing a convenient and reliable charging point.

CE



PUBLIC · RESIDENTIAL · FLEET

Key Features

Output Power	7 kW
Connector	Type2, Type1, GB/T, NACS
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Wall-mounted/ Floor Standing
Max. Number of Connectors	1

Technical Specifications

Input Voltage	230 Vac ±15%
Output Voltage	230 Vac ±15%
Max. Output Current	32 A / Connector
Display	4.3'' Color Touch Screen
Protection Level	IP55

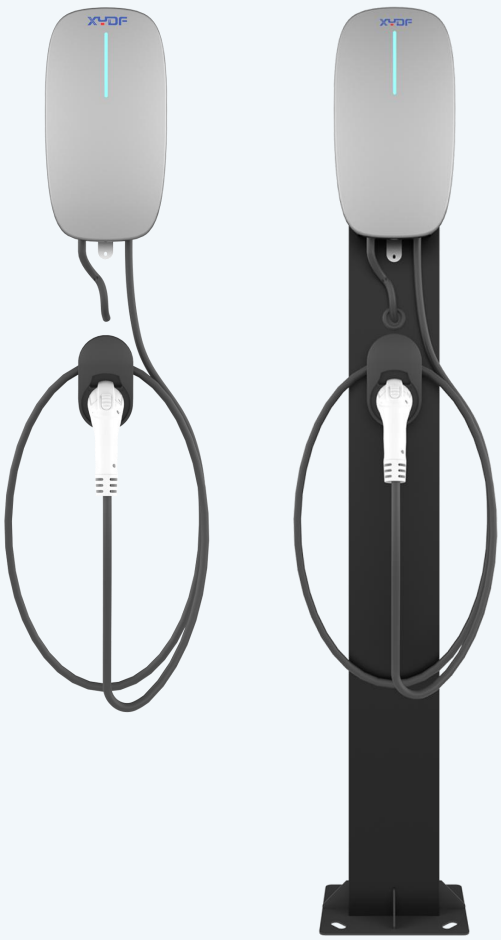
Model	XY AC-E7KW-P
Input	
Grid Connection	L+N+PE
Voltage Range	230Vac ± 10%
Max Current	32A
Rated Frequency	50Hz
Output	
Voltage Range	230Vac ± 10%
Max Current	32A
Max Power	7kW
System	
Charging Connector	IEC 62196 Type 2 Cable
Cable Length	5m (7.5m optional)
Housing Material	PC + ABS
Indicator	LED + 4.3'' color touch LCD screen (LCD optional)
RFID Reader	Mifare (Classic, DesFire EV1) or others on request
Authorization Mode	Plug & Charge / RFID card / App
Communication	GPRS / LAN / Wi-Fi
Protocol	OCPP 1.6J
Safety	
RCD	Type A + 6mA DC
Ingress Protection Rating	IP55
Protection	Over Current Protection, Residual Current Protection, Surge Protection, Over/Under Voltage Protection, Over/Under Frequency Protection, Over Temperature Protection, Relay Welding Detection
Certification	CE
Certification Standard	IEC 61851-1: 2017, ENIEC 61851-1: 2019, EN 61000-6-2, EN 61000-6-4, EN IEC 61851-21-2 : 2021
Dynamic Load Balance	Yes (Smart meter) (optional)
Environment	
Installation	Wall-mounted / Pedestal-mounting
Operating Temperature Range	−25 to +50 °C
Relative Humidity	5% - 95% RH
Cooling	Natural convection
Operating Altitude	<2000m
Product Dimension (W×H×D)	270*80*185mm
Net Weight	≈3.5kg

XY AC–E22 Series

Tethered AC EV Charger

This AC charger is designed for residential communities, workplaces, hotels, commercial parking areas, and fleet facilities. Available in 7kW, 11kW, and 22kW versions, it supports wall or pedestal installation, RFID and app access, OCPP 1.6J, and optional dynamic load balancing for efficient multi-charger deployment.

CE CB



PUBLIC · RESIDENTIAL · FLEET

Key Features

Output Power	7kW / 11kW / 22kW
Connector	Type2, Type1, GB/T, NACS
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Wall-mounted/ Floor Standing
Max. Number of Connectors	1

Technical Specifications

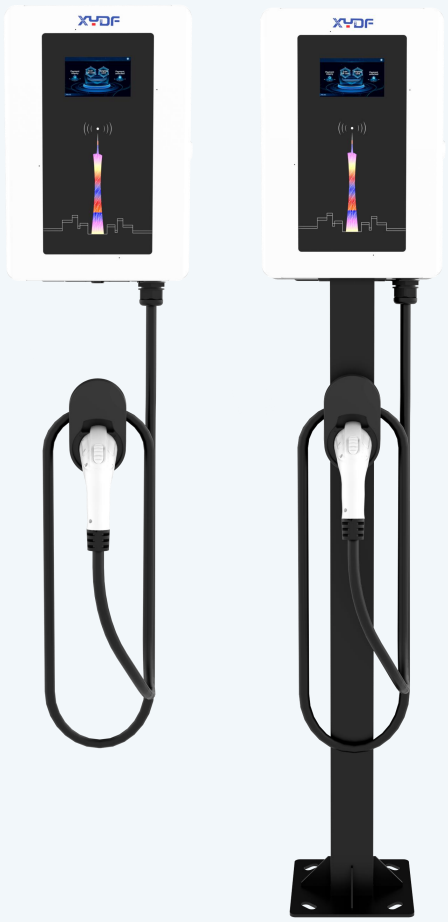
Input Voltage	230Vac ± 10%
Output Voltage	230Vac ± 10%
Max. Output Current	32 A / Connector
Display	No Screen
Protection Level	IP55

Model	XY AC-E22-7KW	XY AC-E22-11KW	XY AC-E22-22KW
Input			
Grid Connection	L+N+PE	3P+N+PE	
Voltage Range	230Vac ± 10%	400Vac ± 10%	
Maximum Current	32A	16A	32A
Rated Frequency	50/60Hz	50/60Hz	50/60Hz
Output			
Voltage Range	230Vac ± 10%	400Vac ± 10%	
Max Current	32A	16A	32A
Max Power	7kW	11kW	22kW
System			
Charging Connector	IEC 62196 Type 2 Cable		
Cable Length	5m (7.5m optional)		
Housing Material	PC + ABS		
Indicator	LED		
RFID Reader	Mifare (Classic, DesFire EV1) or others on request		
Authorization Mode	Plug & Charge / RFID card / App		
Communication	GPRS / LAN / Wi-Fi		
Protocol	OCPP 1.6J		
Safety			
RCD	Type A + 6mA DC		
Ingress Protection Rating	IP55		
Protection	Over Current Protection, Residual Current Protection, ,Surge Protection, Over/Under Voltage Protection, Over/Under Frequency Protection, Over Temperature Protection, Relay Welding Detection		
Certification	CE, CB		
Certification Standard	IEC 61851-1:2017, ENIEC 61851-1:2019, EN 61000-6-2, EN 61000-6-4, EN IEC 61851-21-2 :2021		
Dynamic Load Balance	Yes (Smart meter) (optional)		
Environment			
Installation	Wall-mounted / Pedestal-mounting		
Operating Temperature Range	-25℃~+50℃		
Relative Humidity	5% - 95% RH		
Cooling	Natural convection		
Operating Altitude	<2000m		
Product Dimension (W×H×D)	190 mm*100mm*350mm		
Net Weight (without column)	≈4.5kg	≈4.7kg	≈5kg
Net Weight (with column)	≈10.5kg	≈10.7kg	≈11kg

XY AC–E22–T Series

Metal-Enclosed AC EV Charger

The E22-T Series delivers 7–22kW of flexible AC charging in a robust metal enclosure built for durability and long-term use. Designed for vehicles parked for extended periods, it provides a reliable charging solution for commercial parking lots, workplaces, residential communities, and other everyday charging environments.



PUBLIC · RESIDENTIAL · FLEET

Key Features

Output Power	7kW / 11kW / 22kW
Connector	Type2, Type1, GB/T, NACS
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Wall-mounted/ Floor Standing
Max. Number of Connectors	1

Technical Specifications

Input Voltage	230Vac ± 10%
Output Voltage	230Vac ± 10%
Max. Output Current	32 A / Connector
Display	4.3'' Color Touch Screen
Protection Level	IP54

Model	XY AC-E22-7KW-T	XY AC-E22-11KW-T	XY AC-E22-22KW-T
Input			
Grid Connection	L+N+PE	3P+N+PE	
Voltage Range	230Vac ± 10%	400VAC ± 10%	
Maximum Current	32A	16A	
Rated Frequency	50Hz		
Output			
Voltage Range	230Vac ± 10%	400VAC ± 10%	
Max Current	32A	16A	32A
Max Power	7kW	11kW	22kW
System			
Charging Connector	IEC 62196 Type 2 Cable		
Cable Length	5m (7.5m optional)		
Housing Material	Metal + PC		
Indicator	4.3'' color touch screen (optional)		
RFID Reader	Mifare (Classic, DesFire EV1) or others on request		
Authorization Mode	Plug & Charge / RFID card / App		
Communication	GPRS / LAN / Wi-Fi		
Protocol	OCPP 1.6J		
Safety			
RCD	Type A + 6mA DC		
Ingress Protection Rating	IP54		
Protection	Over Current Protection, Residual Current Protection, Surge Protection, Over/Under Voltage Protection, Over/Under Frequency Protection, Over Temperature Protection, Relay Welding Detection		
Certification	CE, RCM		
Certification Standard	IEC 61851-1: 2017, ENIEC 61851-1: 2019, EN 61000-6-2, EN 61000-6-4, EN IEC 61851-21-2 : 2021		
Dynamic Load Balance	Yes (Smart meter) (optional)		
Environment			
Installation	Wall-mounted / Pedestal-mounting		
Operating Temperature Range	−25 to +50 °C		
Relative Humidity	5% - 95% RH		
Cooling	Natural convection		
Operating Altitude	<2000m		
Product Dimension (W×H×D)	224*320*100mm	280*400*100mmNet	
Net Weight (without column)	≈6.5kg	≈11kg	≈11.5kg
Net Weight (with column)	≈11.2kg	≈15.7kg	≈16.2kg

XY AC–EC–07 Series

Socket AC EV Charger

The EC7 Series is a smart 7kW AC charger for home and residential use, featuring scheduled charging, OTA diagnostics, and dynamic load balancing. With Type A+DC 6mA RCD and comprehensive protection, it delivers safe, reliable, and durable charging for European markets.



PUBLIC · RESIDENTIAL · FLEET

Key Features

Output Power	7 kW
Connector	Type2, Type1, GB/T, NACS
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Wall-mounted/ Floor Standing
Max. Number of Connectors	1

Technical Specifications

Input Voltage	230Vac ± 10%
Output Voltage	230Vac ± 10%
Max. Output Current	32 A / Connector
Display	No Screen
Protection Level	IP54 / IP65

Model	XY AC-EC-07-5-EU	XY AC-EC-07-T-EU	XY AC-EC-07-S-FR	XY AC-EC-07-5-UK	XY AC-EC-07-T-UK
Input					
Grid Connection	L+N+PE				
Voltage Range	230Vac ± 15%	230Vac ± 15%	230Vac ± 15%	230Vac ± 10%	230Vac ± 10%
Max Current	32A				
Rated Frequency	50Hz				
Output					
Voltage Range	230Vac ± 15%	230Vac ± 15%	230Vac ± 15%	230Vac ± 10%	230Vac ± 10%
Max Current	32A				
Max Power	7kW				
System					
Charging Connector	IEC 62196 Type 2 Cable	Socket	T2S	IEC 62196 Type 2 Cable	Socket
Cable Length	5m	-	-	5m	-
Housing Material	PC + ASA				
Indicator	LED				
RFID Reader	ISO 14443A / ISO 14443B				
Authorization Mode	Plug & Charge / RFID card / App				
Communication	Wi-Fi 2.4GHz, Bluetooth 4.2, FE 100Mbps, RS485				
Safety					
RCD	Type A + 6mA DC				
Ingress Protection Rating	IP65	IP54	IP54	IP65	IP54
Impact Protection	IK10				
Protection	Over Current Protection, Residual Current Protection, PME protection, Ground Protection, Surge Protection, Over/Under Voltage Protection, Over/Under Frequency Protection, Over Temperature Protection, Relay Welding Detection				
Certification	CE，CB			UKCA	
Certification Standard	EN IEC 61851-1,EN 61000-6-1/3, EN IEC 61851-21-2 EN300 328, EN 301 489, EN 300 330, EN 62311			EN IEC 61851-1, BS 7671,EN 61000-6-1/3, EN IEC 61851-21-2 EN300 328, EN 301 489, EN 300 330, EN 62311	
Dynamic Load Balance	Yes (CT)				
Environment					
Installation	Wall-mounted / Pedestal-mounting				
Operating Temperature Range	−30 to +50 °C (>50 °C derating)				
Relative Humidity	5% - 95% RH				
Cooling	Natural convection				
Operating Altitude	<2000m				
Product Dimension (W×H×D)	232×340×172mm	232×340×165mm	232×340×150mm	232×340×172mm	232×340×165mm
Package Dimension (W×H×D)	430×320×310mm				
Net Weight	≈4.2kg	≈2.65kg	≈2.65kg	≈4.2kg	≈2.65kg
Gross Weight	≈6.3kg	≈4.75kg	≈4.75kg	≈6.3kg	≈4.75kg

XY AC–EC–22 Series

Tethered AC EV Charger

This 22kW EV charger is designed for smart homes, apartment complexes, office parks, and retail destinations. Its modular design and robust construction support easy indoor and outdoor deployment, while intelligent connectivity enables efficient energy management and user interaction.



PUBLIC · **RESIDENTIAL** · **FLEET**

Key Features

Output Power	11kW / 22kW
Connector	Type2, Type1, GB/T, NACS
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Wall-mounted/ Floor Standing
Max. Number of Connectors	1

Technical Specifications

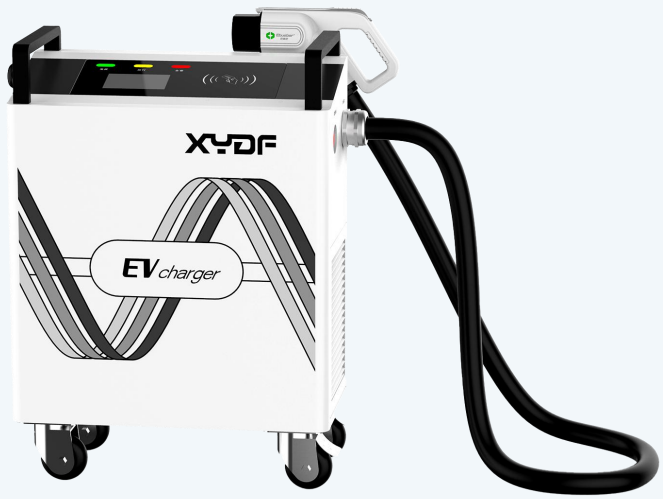
Input Voltage	400Vac ± 10%
Output Voltage	400Vac ± 10%
Max. Output Current	32 A / Connector
Display	No Screen
Protection Level	IP65

Model	XY AC-EC1-11-C-EU	XY AC-EC1-11-C-UK	XY AC-EC1-22-C-EU	XY AC-EC1-22-C-UK
Input				
Grid Connection	3P+N+PE			
Voltage Range	400Vac ± 15%	400Vac ± 10%	400Vac ± 15%	400Vac ± 10%
Max Current	16A		32A	
Rated Frequency	50Hz		50Hz	
Output				
Voltage Range	400Vac ± 15%	400Vac ± 10%	400Vac ± 15%	400Vac ± 10%
Max Current	16A		32A	
Max Power	11kW		22kW	
System				
Charging Connector	IEC 62196 Type 2 Cable			
Cable Length	5m (7.5m optional)			
Housing Material	PC + ASA			
Indicator	LED			
RFID Reader	ISO 14443A / ISO 14443B			
Authorization Mode	Plug & Charge / RFID card / App			
Communication	Wi-Fi 2.4GHz, Bluetooth 4.2, FE 100Mbps, RS485, 4G (Optional)			
Protocol	OCPP 1.6J, OCPP2.0 (optional)			
Safety				
RCD	Type A + 6mA DC			
Ingress Protection Rating	IP65			
Impact Protection	IK10			
Protection	Over Current Protection, Residual Current Protection, PME protection, Ground Protection, Surge Protection, Over/Under Voltage Protection, Over/Under Frequency Protection, Over Temperature Protection, Relay Welding Detection			
Certification	CE	UKCA	CE	UKCA
Certification Standard	EN IEC 61851-1 EN 61000-6-1/3, EN IEC 61851-21-2 EN300 328, EN 301 489, EN 300 330, EN 62311	EN IEC 61851-1, BS 7671 EN 61000-6-1/3, EN IEC 61851-21-2 EN300 328, EN 301 489, EN 300 330, EN 62311	EN IEC 61851-1 EN 61000-6-1/3, EN IEC 61851-21-2 EN300 328, EN 301 489, EN 300 330, EN 62311	EN IEC 61851-1, BS 7671 EN 61000-6-1/3, EN IEC 61851-21-2 EN300 328, EN 301 489, EN 300 330, EN 62311
Dynamic Load Balance	Yes (Smart meter)			
Environment				
Installation	Wall-mounted / Pedestal-mounting			
Operating Temperature Range	−30 to +50 °C (>50 °C derating)			
Relative Humidity	5% - 95% RH			
Cooling	Natural convection			
Operating Altitude	<3000m			
Product Dimension (W×H×D)	232×340×172mm			
Package Dimension(W×H×D)	430×320×310mm			
Net Weight	≈6.1kg			

XY DC–EY40 Series

Mobile DC Fast Charger

The EY Series 40kW DC fast charger supports convenient installation and flexible mobile deployment in indoor and outdoor environments. Its movable design allows quick repositioning based on site conditions and charging needs, making it ideal for public parking lots, commercial centers, corporate campuses, and small fleet operations.



PUBLIC · RESIDENTIAL · FLEET

Key Features

Output Power	20kW / 40 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Floor Mobile
Max. Number of Connectors	1

Technical Specifications

Input Voltage	400 Vac ±15%
Output Voltage	200-750 Vdc
Max. Output Current	100 A / Connector
Display	4.3'' Color Touch Screen
Protection Level	IP32

Model	XY DC-EY40-20KW	XY DC-EY40-40KW
Input		
Voltage Range	400Vac ± 15%	
Rated Current	31A	61A
Rated Frequency	50/60Hz	
Power Factor	>0.99	
Output		
Max Power	20kW	40kW
Voltage Range	200-750 Vdc	
Voltage Range in Constant Power Mode	400-750 Vdc	
Current Range	2-50A	2-100A
Max Output of a Single Connector	50A	100A
System		
Peak Efficiency	≥95%	
Power Module	20kW	40kW
Stabilized Voltage Precision	<0.5%	
Stabilized Current Precision	<1%	
THDi	≤5%	
Protocol	OCPP 1.6J	
Customer Interface		
Display	4.3'' color touch screen	
Type of Connector	CCS2	
Max Number of Connectors	1	
Connector Communication Mode	In accordance with DIN 70121 and ISO 15118 standard	
Cable Length	5m	
Safety		
Optimized Power Module for Better Integration	Customized charging mode to prevent the mis operation of human factor	
Interface Safety Protection	Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection	
Ingress Protection Rating	IP32	
Protection	Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection	
Emergency Stop	Disconnect the charger and EV to prevent emergency incidents	
Certification Standard	IEC 61851, IEC 62196, DIN 70121, ISO 15118	
Environment		
Installation	Floor Mobile	
Noise	≤65dB	
Operating Temperature Range	−25 to +50 °C (>50 °C derating)	
Relative Humidity	5% - 95% (No condensation)	
Cooling	Air-cooling	
Operating Altitude	2000m (Derate from 2000m to 3000m)	
Dimension (Connectors not included)	W × H × D: 430×610×205mm	
Net Weight	≈45kg	≈57kg

XY DC–EEC1–30 Series

Wall-mounted DC Fast Charger

With over 96% system efficiency, smart load management, it delivers adaptable charging for a wide range of applications. The 10.1-inch touchscreen, RFID authentication, IP65 and IK10 protection, and remote Operations & Maintenance capabilities provide a convenient, secure, and reliable charging experience.



PUBLIC · RESIDENTIAL · FLEET

Key Features

Output Power	30 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Wall-mounted/ Floor Standing
Max. Number of Connectors	1

Technical Specifications

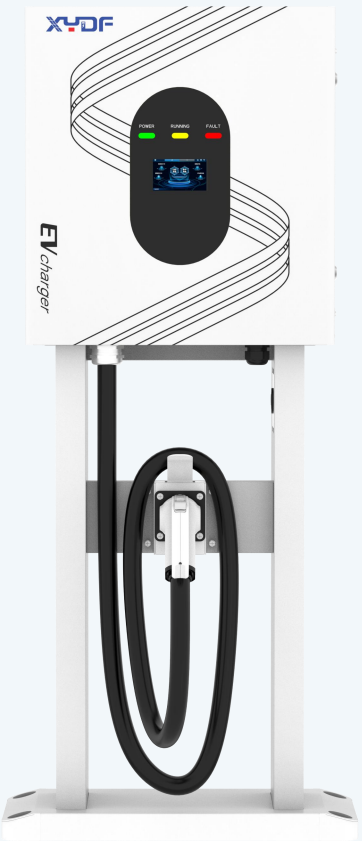
Input Voltage	400 Vac ±15%
Output Voltage	150–1000 Vdc
Max. Output Current	100 A / Connector
Display	10.1" HD Anti-Glare LCD Display
Protection Level	IP65

Model	XY DC-EEC1-30
Input	
Voltage Range	400 Vac ± 15%
Rated Current	46 A
Rated Frequency	50/60 Hz
Power Factor	>0.99
Output	
Max Power	30 kW
Voltage Range	150-1000 Vdc
Voltage Range in Constant Power Mode	300-1000 Vdc
Current Range	0-100 A
Max Output of a Single Connector	100 A
System	
Peak Efficiency	≥96%
Power Module	30 kW
Stabilized Voltage Precision	<0.5%
Stabilized Current Precision	<1%
THDi	≤5%
Protocol	OCPP 1.6J, OCPP2.0
Customer Interface	
Display	Type: 10.1" HD Anti-Glare LCD Display; Operating Temperature Range: −20 to +70 °C; Brightness: >1500 nits; Contrast: 1200: 1; Interface: Capacitive touch screen
Type of Connector	CCS2
Max Number of Connectors	1
Connector Communication Mode	In accordance with DIN 70121 and ISO 15118 standard
Cable Length	5.5 m
Safety	
Optimized Power Module for Better Integration	Customized charging mode to prevent the misoperation of human factor
Interface Safety Protection	Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection
Ingress Protection Rating	IP65
Impact Protection	Cabinet IK10, Screen IK08
Protection	Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection
Emergency Stop	Disconnect the charger and EV to prevent emergency incidents
Certification Standard	IEC 61851, IEC 62196, DIN 70121, ISO 15118
Certification	CE, CB, UL
Environment	
Installation	Floor Standing
Noise	≤65 dB
Operating Temperature Range	−30 to +50 °C
Relative Humidity	5% - 95% (No condensation)
Cooling	Intelligent Air-cooling
Operating Altitude	2000 m (Derate from 2000 m to 3000 m)
Dimension (Connectors not included)	W × H × D: 672×682×229 mm
Net Weight	≈62 kg

XY DC–EG40 Series

Wall-mounted DC Fast Charger

This 40kW DC fast charger is a small size, high performance Level 3 EV charging station, it is tailored to mild commercial and city uses. As a dependable DC fast charger manufacturer and supplier, it delivers scalable charging solutions for public parking garages, retail locations, office buildings and fleet operations.



PUBLIC · **RESIDENTIAL** · **FLEET**

Key Features

Output Power	30kW / 40 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Wall-mounted/ Floor Standing
Max. Number of Connectors	1

Technical Specifications

Input Voltage	400 Vac ±15%
Output Voltage	200–1000 Vdc
Max. Output Current	133 A / Connector
Display	4.3'' Color Touch Screen
Protection Level	IP54 (IP55 Optional)

Model	XY DC-EG40-30KW	XY DC-EG40-40KW
Input		
Voltage Range	400 Vac ± 15%	
Rated current	46 A	61 A
Rated Frequency	50/60Hz	
Power Factor	>0.99	
Output		
Max Power	30 kW	40 kW
Voltage Range	200-1000 Vdc	
Voltage Range in Constant Power Mode	300-1000 Vdc	
Current Range	2-100 A	2-133 A
Max Output of a Single Connector	100 A	133 A
System		
Peak Efficiency	≥95%	
Power Module	30 kW	40 kW
Stabilized Voltage Precision	<0.5%	
Stabilized Current Precision	<1%	
THDi	≤5%	
Protocol	OCPP 1.6J	
Customer Interface		
Display	Type: 4.3'' color touch screen; Operating Temperature Range: −20 to +70 °C; Brightness: >1500 nits; Contrast: 1200:1; Interface: Capacitive touch screen	
Type of Connector	CCS2	
Max Number of Connectors	1	
Connector Communication Mode	In accordance with DIN 70121 and ISO 15118 standard	
Cable Length	5 m	
Safety		
Optimized Power Module for Better Integration	Customized charging mode to prevent the misoperation of human factor	
Interface Safety Protection	Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection	
Ingress Protection Rating	IP54 (IP55 Optional)	
Protection	Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection	
Emergency Stop	Disconnect the charger and EV to prevent emergency incidents	
Certification Standard	IEC 61851, IEC 62196, DIN 70121, ISO 15118	
Environment		
Installation	Floor Standing	
Noise	≤65 dB	
Operating Temperature Range	−25 to +50 °C (>50 °C derating)	
Relative Humidity	5% - 95% (No condensation)	
Cooling	Intelligent Air-cooling	
Operating Altitude	2000m (Derate from 2000m to 3000m)	
Dimension (Connectors not included)	W × H × D: 560×610×260 mm	
Net Weight (Without Column)	≈78 kg	≈78 kg
Net Weight (With Column)	≈99 kg	≈99 kg

XY DC–EC240 Series

Integrated DC Fast Charger

The XY DC-EC240 Series delivers flexible 80–240 kW DC charging for commercial and public charging applications. Its modular power architecture and dual-connector design provide efficient power distribution, flexible charging, and reliable performance across a wide range of charging scenarios.

CE



PUBLIC · COMMERCIAL · FLEET

Key Features

Output Power	80-240 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Floor Standing
Max. Number of Connectors	2

Technical Specifications

Input Voltage	400 Vac ±15%
Output Voltage	200–1000 Vdc
Max. Output Current	300 A / Connector
Display	7'' Color Touch Screen
Protection Level	IP54 (IP55 Optional)

Model	XY DC-EC240-80KW	XY DC-EC240-120KW	XY DC-EC240-160KW	XY DC-EC240-200KW	XY DC-EC240-240KW
Input					
Voltage Range			400Vac ± 15%		
Rated Current	121 A	182 A	243 A	303 A	364 A
Rated Frequency			50/60Hz		
Power Factor			>0.99		
Output					
Max Power	80 kW	120 kW	160 kW	200 kW	240 kW
Voltage Range			200 - 1000 Vdc		
Voltage Range in Constant Power Mode			300 - 1000 Vdc		
Current Range	2-266 A	5-399 A	5-500 A	5-500 A	5-500 A
Max Output of a Single Connector	250 A	250 A	250 A	300 A	300 A
System					
Peak Efficiency			≥95%		
Power Module	40 kW	40 kW	40 kW	40 kW	40 kW
Ripple Coefficient			<0.5		
Current Sharing Coefficient			<5%		
Stabilized Voltage Precision			<0.5%		
Stabilized Current Precision			<1%		
THDi			≤5%		
Protocol			OCPP 1.6J, OCPP2.0 (Optional)		
Customer Interface					
Display			7'' color touch screen		
Type of Connector			CCS2		
Max Number of Connectors			2		
Connector Communication Mode			In accordance with DIN 70121 and ISO 15118 standard		
Safety					
Optimized Power Module for Better Integration			Customized charging mode to prevent the misoperation of human factor		
Interface Safety Protection			Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection		
Ingress Protection Rating			IP54 (IP55 Optional)		
Protection			Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection		
Emergency Stop			Disconnect the charger and EV to prevent emergency incidents		
Certification Standard			IEC 61851, IEC 62196, DIN 70121, ISO 15118		
Environment					
Installation			Floor Standing		
Noise			≤65 dB		
Operating Temperature Range			−25 to +50 °C (>50 °C derating)		
Relative Humidity			5% - 95% (No condensation)		
Cooling			Intelligent Air-cooling		
Operating Altitude			2000m (Derate from 2000m to 3000m)		
Dimension (Connectors not included)			W × H × D: 850×2000×600 mm		
Net Weight	≈220 kg	≈270 kg	≈270 kg	≈340 kg	≈340 kg

XY DC–EEC2 Series

Integrated DC Fast Charger

The 60–240 kW DC Fast Charger Series is designed for commercial applications, offering flexible power configurations, intelligent power management, a 10.1-inch touchscreen, multiple connector options, remote diagnostics, and flexible cable management for reliable deployment.

CE CB UKCA



PUBLIC · COMMERCIAL · FLEET

Key Features

Output Power	60-240 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Floor Standing
Max. Number of Connectors	2

Technical Specifications

Input Voltage	400 Vac ±15%
Output Voltage	200–1000 Vdc
Max. Output Current	300 A / Connector
Display	10.1" HD Anti-Glare LCD Display
Protection Level	IP54 (IP55 Optional)

Model	XY DC-EEC2-60	XY DC-EEC2-120	XY DC-EEC2-160	XY DC-EEC2-180	XY DC-EEC2-240
Input					
Voltage Range	400 Vac ± 15%				
Max Current	107.4 A	214.9 A	286.5 A	322.3 A	429.7 A
Rated Frequency	50/60Hz				
Power Factor	>0.99				
Output					
Max Power	60 kW	120 kW	160 kW	180 kW	240 kW
Voltage Range	200-1000 Vdc				
Voltage Range in Constant Power Mode	300-1000 Vdc				
Current Range	2-200 A	2-400 A	5-532 A	5-600 A	5-800 A
Max Output of a Single Connector	200 A	400 A	400 A	400 A	400 A
System					
Peak Efficiency	≥95.8%				
Power Module	30 kW	30 kW	40 kW	30 kW	40 kW
Ripple Coefficient	<0.5				
Current Sharing Coefficient	<5%				
Stabilized Voltage Precision	<0.5%				
Stabilized Current Precision	<1%				
THDi	≤5%				
Protocol	OCPP 1.6, OCPP2.0				
Customer Interface					
Display	Type: 10.1" HD Anti-Glare LCD Display; Operating Temperature Range: −20 to +70 °C; Brightness: >1500 nits; Contrast: 1200:1; Interface: Capacitive touch screen				
Type of Connector	CCS2				
Max Number of Connectors	2				
Connector Communication Mode	In accordance with DIN 70121 and ISO 15118 standard				
Cable Length	5 m (7.5 m Optional)				
Safety					
Optimized Power Module for Better Integration	Customized charging mode to prevent the misoperation of human factor				
Interface Safety Protection	Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection				
Ingress Protection Rating	IP54 (IP55 Optional)				
Impact Protection	Cabinet IK10, Screen IK08				
Protection	Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection				
Emergency Stop	Disconnect the charger and EV to prevent emergency incidents				
Certification Standard	IEC 61851, IEC 62196, DIN 70121, ISO 15118				
Certification	UKCA, CE, CB				
Environment					
Installation	Floor Standing				
Noise	≤65 dB				
Operating Temperature Range	−30 to +50 °C (>50 °C derating)				
Relative Humidity	5% - 95% (No condensation)				
Cooling	Intelligent Air-cooling				
Operating Altitude	2000m (Derate from 2000m to 3000m)				
Dimension (Connectors not included)	W × H × D: 800×1880×500 mm				
Net Weight	≈230 kg	≈260 kg	≈280 kg	≈300 kg	≈330 kg

XY DC–EEC3 Series

Integrated DC Fast Charger

The series DC fast charging stations ranging from 60kW to 240kW, Each unit comes standard with an expansive 32-inch high-brightness, anti-glare capacitive touchscreen, providing an intuitive HMI that doubles as a powerful advertising medium.



PUBLIC · COMMERCIAL · FLEET

Key Features

Output Power	60-240 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Floor Standing
Max. Number of Connectors	2

Technical Specifications

Input Voltage	400 Vac ±15%
Output Voltage	200–1000 Vdc
Max. Output Current	300 A / Connector
Display	32" HD Anti-Glare LCD Display
Protection Level	IP54 (IP55 Optional)

Model	XY DC-EEC3-60	XY DC-EEC3-120	XY DC-EEC3-160	XY DC-EEC3-180	XY DC-EEC3-240
Input					
Voltage Range	400 Vac ± 15%				
Max Current	107.4 A	214.9 A	286.5 A	322.3 A	429.7 A
Rated Frequency	50/60Hz				
Power Factor	>0.99				
Output					
Max Power	60 kW	120 kW	160 kW	180 kW	240 kW
Voltage Range	200-1000 Vdc				
Voltage Range in Constant Power Mode	300-1000 Vdc				
Current Range	2-200 A	2-400 A	5-532 A	5-600 A	5-800 A
Max Output of a Single Connector	200 A	400 A	400 A	400 A	400 A
System					
Peak Efficiency	≥95.8%				
Power Module	30 kW	30 kW	40 kW	30 kW	40 kW
Ripple Coefficient	<0.5				
Current Sharing Coefficient	<5%				
Stabilized Voltage Precision	<0.5%				
Stabilized Current Precision	<1%				
THDi	≤5%				
Protocol	OCPP 1.6, OCPP2.0				
Customer Interface					
Display	Type: 32" HD Anti-Glare LCD Display; Operating Temperature Range: −20 to +70 °C; Brightness: >1500 nits; Contrast: 1200:1; Interface: Capacitive touch screen				
Type of Connector	CCS2				
Max Number of Connectors	2				
Connector Communication Mode	In accordance with DIN 70121 and ISO 15118 standard				
Cable Length	5 m (7.5 m Optional)				
Safety					
Optimized Power Module for Better Integration	Customized charging mode to prevent the misoperation of human factor				
Interface Safety Protection	Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection				
Ingress Protection Rating	IP54 (IP55 Optional)				
Impact Protection	Cabinet IK10, Screen IK08				
Protection	Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection				
Emergency Stop	Disconnect the charger and EV to prevent emergency incidents				
Certification Standard	IEC 61851, IEC 62196, DIN 70121, ISO 15118				
Certification	UKCA, CE, CB				
Environment					
Installation	Floor Standing				
Noise	≤65 dB				
Operating Temperature Range	−30 to +50 °C (>50 °C derating)				
Relative Humidity	5% - 95% (No condensation)				
Cooling	Intelligent Air-cooling				
Operating Altitude	2000m (Derate from 2000m to 3000m)				
Dimension (Connectors not included)	W × H × D: 800×1880×500 mm				
Net Weight	≈230 kg	≈260 kg	≈280 kg	≈300 kg	≈330 kg

XY DC–ET240 Series

Integrated DC Fast Charger

The 80–240kW DC charger is designed for commercial charging applications, offering flexible power configurations for different site and vehicle requirements. With dual charging connectors and intelligent power management, it supports efficient charging for public parking areas, commercial sites, fleet facilities, and high-demand charging stations.



PUBLIC · COMMERCIAL · FLEET

Key Features

Output Power	80-240 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Floor Standing
Max. Number of Connectors	2

Technical Specifications

Input Voltage	400 Vac ±15%
Output Voltage	200–1000 Vdc
Max. Output Current	250 A / Connector
Display	7'' Color Touch Screen
Protection Level	IP54 (IP55 Optional)

Model	XY DC-ET240-80KW	XY DC-ET240-120KW	XY DC-ET240-160KW	XY DC-ET240-180KW	XY DC-ET240-240KW
Input					
Voltage Range	400Vac ± 15%				
Rated Current	121 A	182 A	243 A	303 A	364 A
Rated Frequency	50/60Hz				
Power Factor	>0.99				
Output					
Max Power	80 kW	120 kW	160 kW	180 kW	240 kW
Voltage Range	200 - 1000 Vdc				
Voltage Range in Constant Power Mode	300 - 1000 Vdc				
Current Range	2-266 A	5-399 A	5-500 A	5-500 A	5-500 A
Max Output of a Single Connector	250 A	250 A	250 A	250 A	250 A
System					
Peak Efficiency	≥95%				
Power Module	40 kW	30 kW	40 kW	30 kW	40 kW
Ripple Coefficient	<0.5				
Current Sharing Coefficient	<5%				
Stabilized Voltage Precision	<0.5%				
Stabilized Current Precision	<1%				
THDi	≤5%				
Protocol	OCPP 1.6J, OCPP2.0 (Optional)				
Customer Interface					
Display	7'' color touch screen				
Type of Connector	CCS2				
Max Number of Connectors	2				
Connector Communication Mode	In accordance with DIN 70121 and ISO 15118 standard				
Safety					
Optimized Power Module for Better Integration	Customized charging mode to prevent the misoperation of human factor				
Interface Safety Protection	Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection				
Ingress Protection Rating	IP54 (IP55 Optional)				
Protection	Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection				
Emergency Stop	Disconnect the charger and EV to prevent emergency incidents				
Certification Standard	IEC 61851, IEC 62196, DIN 70121, ISO 15118				
Environment					
Installation	Floor Standing				
Noise	≤65 dB				
Operating Temperature Range	−25 to +50 °C				
Relative Humidity	5% - 95% (No condensation)				
Cooling	Intelligent Air-cooling				
Operating Altitude	2000m (Derate from 2000m to 3000m)				
Dimension (Connectors not included)	W × H × D: 750*550*1700 mm				
Net Weight	≈220 kg	≈270 kg	≈270 kg	≈340 kg	≈340 kg

XY DC–EYU Series

Integrated DC Fast Charger

Designed for overseas markets, this integrated DC charger combines wide constant-power charging, MID-certified metering, multi-card access, and multi-standard communication. With up to 400 kW output, it is ideal for heavy-duty vehicles and high-power fast charging.



PUBLIC · HEAVY TRUCK · FLEET

Key Features

Output Power	320-400 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Floor Standing
Max. Number of Connectors	2

Technical Specifications

Input Voltage	400 Vac ±15%
Output Voltage	200–1000 Vdc
Max. Output Current	300 A / Connector
Display	7” HD Anti-Glare LCD Display
Protection Level	IP54 (IP55 Optional)

Model	XY DC-EYU-320	XY DC-EYU-400
Input		
Voltage Range	400Vac ± 15%	
Rated Current	491 A	614 A
Rated Frequency	50/60Hz	
Power Factor	>0.99	
Output		
Max Power	320 kW	400 kW
Voltage Range	200-1000 Vdc	
Voltage Range in Constant Power Mode	300-1000 Vdc	
Current Range	2-200 A	2-400 A
Max Output of a Single Connector	300 A	300 A
System		
Peak Efficiency	≥95%	
Power Module	40 kW	40 kW
Ripple Coefficient	<0.5	
Current Sharing Coefficient	<5%	
Stabilized Voltage Precision	<0.5%	
Stabilized Current Precision	<1%	
THDi	≤5%	
Protocol	OCPP 1.6J	
Customer Interface		
Display	Type: 7" HD Anti-Glare LCD Display; Operating Temperature Range: −20 to +70°C; Brightness: >1500 nits; Contrast: 1200:1; Interface: Capacitive touch screen	
Type of Connector	CCS2	
Max Number of Connectors	2	
Connector Communication Mode	In accordance with DIN 70121 and ISO 15118 standard	
Safety		
Optimized Power Module for Better Integration	Customized charging mode to prevent the misoperation of human factor	
Interface Safety Protection	Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection	
Ingress Protection Rating	IP54 (IP55 Optional)	
Impact Protection	Cabinet IK10, Screen IK08	
Protection	Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection	
Emergency Stop	Disconnect the charger and EV to prevent emergency incidents	
Certification Standard	IEC 61851, IEC 62196, DIN 70121, ISO 15118	
Certification	UKCA, CE, CB	
Environment		
Installation	Floor Standing	
Noise	≤65 dB	
Operating Temperature Range	−30 to +50 °C (>50 °C derating)	
Relative Humidity	5% - 95% (No condensation)	
Cooling	Intelligent Air-cooling	
Operating Altitude	2000 m (Derate from 2000 m to 3000 m)	
Dimension (Connectors not included)	W × H × D: 900*2285*900 mm	
Net Weight	≈700 kg	≈730 kg

XY DC–T400 Series

Integrated DC Fast Charger

Designed for electric heavy-duty trucks, this 400kW DC fast charger delivers high-power charging performance for demanding fleet operations. Its robust design and intelligent power management support reliable, efficient charging in commercial transport and logistics applications.



PUBLIC · HEAVY TRUCK · FLEET

Key Features

Output Power	280-400 kW
Connector	GB/T
Communication	LAN/4G (optional)
Mounting	Floor Standing
Max. Number of Connectors	2

Technical Specifications

Input Voltage	400 Vac ±15%
Output Voltage	200–1000 Vdc
Max. Output Current	250 A / 300A(optional)/ Connector
Display	7'' Color Touch Screen
Protection Level	IP54 (IP55 Optional)

Model	XY DC-T400-280KW	XY DC-T400-320KW	XY DC-T400-360KW	XY DC-T400-400KW
Input				
Voltage Range	400Vac ± 15%			
Rated Current	426 A	488 A	548 A	608 A
Rated Frequency	50/60Hz			
Power Factor	>0.99			
Output				
Maximum Power	280KW	320KW	360KW	400KW
Voltage Range	200 - 1000 Vdc			
Voltage Range in Constant Power Mode	300 - 1000 Vdc			
Current Range	0 ~ 500A	0 ~ 500A	0 ~ 500A	0 ~ 500A
Max Output of a Single Connector	250A	250A	250A	250A (300A)(Optional)
System				
Peak Efficiency	≥95%			
Power Module	40 kW	40 kW	40 kW	40 kW
Ripple Coefficient	<0.5			
Current Sharing Coefficient	<5%			
Stabilized Voltage Precision	<0.5%			
Stabilized Current Precision	<1%			
THDi	≤5%			
Protocol	OCPP 1.6J(Optional), OCPP2.0 (Optional)			
Customer Interface				
Display	7'' color touch screen			
Type of Connector	GB/T			
Max Number of Connectors	2			
Connector Communication Mode	GB/T 20234.3-2023、GB/T 18487.1-2023			
Safety				
Optimized Power Module for Better Integration	Customized charging mode to prevent the mis operation of human factor			
Interface Safety Protection	Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection			
Ingress Protection Rating	IP54 (IP55 Optional)			
Protection	Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection			
Emergency Stop	Disconnect the charger and EV to prevent emergency incidents			
Certification Standard	GB/T 18487-2023			
Environment				
Installation	Floor Standing			
Noise	≤65dB			
Operating Temperature Range	-25℃~+50℃			
Relative Humidity	5% - 95% (No condensation)			
Cooling	Intelligent Air-cooling			
Operating Altitude	2000m (Derate from 2000m to 3000m)			
Dimension (Connectors not included)	W × H × D: 800×1800×800mm			
Net Weight	≈400 kg	≈420 kg	≈440 kg	≈460 kg

XY DC–EVHPC Series

Integrated Charging Stack

This high-performance split-type DC EV charging system delivers up to 720kW through a scalable architecture, ideal for large-scale commercial charging networks. With intelligent power allocation and dynamic load balancing, it optimizes energy distribution across multiple charging interfaces.

CE CB



PUBLIC · COMMERCIAL · FLEET

Key Features

Output Power	720 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Floor Standing
Max. Number of Connectors	12

Technical Specifications

Input Voltage	400 Vac ±15%
Output Voltage	200–1000 Vdc
Max. Output Current	1500 A / Connector
Display	10” HD Anti-Glare LCD Display
Protection Level	IP55

Cabinet Parameters

Basic index	
Model	XY-DC-EVHPC-720K-L-EU
Rated Power	720 kW
Max Number of Access Terminals	12
Cooling Method	Fan cooling
Dimensions (WxDxH)	1700×1000×2150 mm
Net Weight	≈ 1500 kg
Input	
Voltage	AC 400V ± 15%, 3L+N+PE
Frequency	45 Hz-65 Hz
Rated Current	1273.6 A
Power Factor	≥0 .99
ITHD	≤5%
Output	
Output Voltage	200-1000 Vdc
Constant Power Range	300-1000 Vdc
Max Efficiency	> 95%
Output Voltage Error	≤±0.5%
Output Current Error	≤±1%
Voltage Stabilized Accuracy	≤±0.5%
Current Stabilized Accuracy	≤±1%
Peak-peak Ripple	≤±1%
Environment	
Operating Temperature	−35 to +70 °C
Storage Temperature	−40 to +75 °C
Operating Environment	Indoor or outdoor (IP65)
Humidity	5~95%RH, non-condensing
Altitude	4000 m

Dispenser Parameters

Basic index			
Model	XY-DC-EVHD1-960K-L-EU	XY-DC-EVHD2-960K-L-EU	XY-DC-EVHD2-360K-N-EU
Rated Power	960 kW	480 kW	180 kW
Max Number of Plug	1	2	2
Charging Gun Cable Assistant	Support		
HMI	10'' color touch screen		
Back-end Communication	Ethernet / 4G; OCPP1.6J, OCPP2.0 (upgradable)		
EVSE	PLC (DIN70121:2014-12 / ISO15118)		
Start-up Method	IC Card / Credit Card / Scan QR code (optional)		
Certification	CE, CB		
Dimensions (WxDxH)	390*295*1900 mm	390*295*1900 mm	390*295*1900 mm
Net Weight	≤ 140 kg	≤ 120 kg	≤ 110 kg
Output			
Ouput Voltage	200-1000 Vdc		
Constant Power Range	300-1000 Vdc		
Cooling Method	Liquid cooling	Liquid cooling	Fan cooling
Plug Type	CCS2	CCS2 + CCS2	CCS2 + CCS2
Max Current Per Plug	CCS2: 1500 A	CCS2: 800 A	CCS2: 300 A
Energy Metering	DC metering (CE)		
Cable Length	3.5 m (customized)	3.5 m (customized)	5 m (customized)
Max Efficiency	>95%		
Output Voltage Error	≤±0.5%		
Output Current Error	≤±1%		
Voltage Stabilized Accuracy	≤±0.5%		
Current Stabilized Accuracy	≤±1%		
Peak-peak Ripple	≤±1%		
Environment			
Operating Temperature	−35 to +50 °C		
Storage Temperature	−40 to +75 °C		
Operating Environment	Indoor or outdoor (IP55)		
Humidity	5~95%RH, non-condensing		
Altitude	4000 m		

XY DC–EH960 Series

Integrated Charging Stack

The EH Series split-type DC fast charging station decouples the high-power conversion unit from the charging terminals, allowing for centralized power management and distributed charging points. This architecture enables efficient deployment across large parking areas, optimizing space and power distribution.



PUBLIC · COMMERCIAL · FLEET

Key Features

Output Power	480-960 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Floor Standing
Max. Number of Connectors	16

Technical Specifications

Input Voltage	400 Vac ±15%
Output Voltage	200–1000 Vdc
Max. Output Current	500 A / Connector
Display	7'' Color Touch Screen
Protection Level	IP54

Cabinet Parameters

Basic index			
Model	XY DC-EH480-8F-480KW	XY DC-EH720-12F-720KW	XY DC-EH960-16F-960KW
Rated Power	480 kW	720 kW	960 kW
Max Number of Access Terminals	8	12	16
Cooling Method	Fan cooling		
Dimensions (WxDxH)	1000X900X 1900mm	1500X900X 1900mm	2000X950X 1900mm
Net Weight	980 kg	1250 kg	1420 kg
Input			
Voltage	400 VAC±10%, 3L+N+PE		
Frequency	45 Hz-65 Hz		
Rated Current	732 A	1280 A	1464 A
Power Factor	≥0 .99		
ITHD	≤5%		
Output			
Ouput Voltage	200-1000 Vdc		
Constant Power Range	300-1000 Vdc		
Max Efficiency	> 95%		
Output Voltage Error	≤±0.5%		
Output Current Error	≤±1%		
Voltage Stabilized Accuracy	≤±0.5%		
Current Stabilized Accuracy	≤±1%		
Peak-peak Ripple	≤±1%		
Environment			
Operating Temperature	-25 to +50 °C		
Storage Temperature	-40 to +75 °C		
Operating Environment	Indoor or outdoor (IP54)		
Humidity	5~95%RH, non-condensing		
Altitude	2000m no derating required; >2000m, the working temperature decreases by 1 ° C for every 100m rise		

Dispenser Parameters

Basic index		
Model	XY DC-EH250-2F	XY DC-EH500-1F
Rated Power	250 kW	500 kW (Max 600kW)
Max Number of Plug	2	1
HMI	7'' color touch screen	
Back-end Communication	Ethernet / 4G; OCPP1.6J, OCPP2.0	
EVSE	PLC (DIN70121: 2014-12/ISO15118)	
Start-up Method	IC Card/ APP (optional)	
Dimensions (WxDxH)	450x275x1530 mm	550x335x1530 mm
Net weight	130 kg	140 kg
Output		
Ouput Voltage	200-1000 Vdc	
Constant Power Range	300-1000 Vdc	
Cooling Method	Fan cooling	Liquid cooling
Plug Type	CCS2 + CCS2	CCS2
Max Current Per Plug	250 A	500 A
Energy Metering	DC metering (CE)	
Cable Length	5 m (customized)	
Max Efficiency	>95%	
Output Voltage Error	≤±0.5%	
Output Current Error	≤±1%	
Voltage Stabilized Accuracy	≤±0.5%	
Current Stabilized Accuracy	≤±1%	
Peak-peak Ripple	≤±1%	
Environment		
Operating Temperature	-25 to +50 °C	
Storage Temperature	-40 to +75 °C	
Operating Environment	Indoor or outdoor (IP55)	
Humidity	5~95%RH, non-condensing	
Altitude	2000m no derating required; >2000m, the working temperature decreases by 1°C for every 100m rise	

XY DC–EVDDY Series

Integrated DC-DC Fast Charger

This is a DC-DC EV charging system with an output power of up to 520kW. Featuring a modular DC-DC architecture, it supplies PV power directly to the charging system, reducing unnecessary energy conversion losses. It is ideal for PV-powered EV charging stations and solar energy applications.



SOLAR · COMMERCIAL · FLEET

Key Features

Output Power	400-520 kW
Connector	CCS1, CCS2, GB/T, NACS, CHAdeMO
Communication	Wi-Fi / LAN / 4G (optional)
Mounting	Floor Standing
Max. Number of Connectors	2

Technical Specifications

Input Voltage	200-950 Vdc
Output Voltage	50–1000 Vdc
Max. Output Current	400 A / Connector
Display	7” HD Anti-Glare LCD Display
Protection Level	IP55

Model	XY DC-EVDDY400	XY DC-EVDDY520
Input		
Voltage Range	200-950 Vdc	
Rated Current	600 A	800 A
Rated Frequency	50 Hz	
Power Factor	>0.99	
Output		
Max Power	400 kW	520 kW
Voltage Range	50-1000 Vdc	
Voltage Range in Constant Power Mode	300-1000 Vdc	
Current Range	2-266 A	5-399 A
Max Output of a Single Connector	300 A	400 A
System		
Peak Efficiency	≥95%	
Power Module	40 kW	40 kW
Ripple Coefficient	<0.5	
Current Sharing Coefficient	<5%	
Stabilized Voltage Precision	<0.5%	
Stabilized Current Precision	<1%	
THDi	≤5%	
Protocol	OCPP 1.6J, OCPP2.0	
Customer Interface		
Display	Type: 7" HD true color anti-glare LCD	
Type of Connector	CCS2	
Max Number of Connectors	2	
Connector Communication Mode	In accordance with DIN 70121 and ISO 15118 standard	
Safety		
Optimized Power Module for Better Integration	Customized charging mode to prevent the mis operation of human factor	
Interface Safety Protection	Circuit discharge function, Insulation monitoring device (IMD), Battery reverse connection protection	
Ingress Protection Rating	IP55	
Protection	Short circuit protection, Over/under voltage protection, Voltage/current limitation protection, Overheat protection, SPD, Plug temperature monitoring function, Circuit contactor adhesion protection	
Emergency Stop	Disconnect the charger and EV to prevent emergency incidents	
Certification Standard	IEC 61851, IEC 62196, DIN 70121, ISO 15118	
Environment		
Installation	Floor Standing	
Noise	≤65dB	
Operating Temperature Range	−30 to +50 °C (>50 °C derating)	
Relative Humidity	5% - 95% (No condensation)	
Cooling	Intelligent Air-cooling	
Operating Altitude	2000m (Derate from 2000m to 3000m)	
Dimension (Connectors not included)	W × H × D: 850×1750×650 mm	
Net Weight	≈550 kg	≈610 kg


XYDF
CARD
XYDF
XYDF
XYDF
POWER
RUNNING
FAULT
EV charger
XYDF
Power A gun B gun Fault
HOW TO PAY
We accept all major cards
VISA
OPEN
Danger!
electric shock


XYDF
EV charger
急停
高压危险