

CHNT
CHINT ELECTRIC

Empower the World

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CHNT
CHINT ELECTRIC

Empower the World



CHINT Products for EV Charging

THE LEADING GLOBAL PROVIDER OF SMART ENERGY SOLUTIONS

CHINT Provides a Package of Energy Solutions for Public Institutions, Industrial & Commercial Users and End Users

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Create the best and most innovative products in the world

Electric Vehicle Charging Pile Series Products

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Open a New Blue Ocean for Dual Carbon Goals, Create a New Future for Digital Technology

CHINT Today

20.84 Billion USD

Annual Total Assets

18.34 Billion USD

Annual Revenue

16%

Annual Revenue Growth Rate on a YOY Basis

1.5 Billion USD

Annual Pre-tax Profits USD 1.5 Billion

45,000+

Employees Worldwide

500,000+

Creating Jobs in the Industrial Chains

140+

Covering Countries and Regions

2023.11.01

Updated on

Development History



Uphold industry, Integrated development
1984-2005

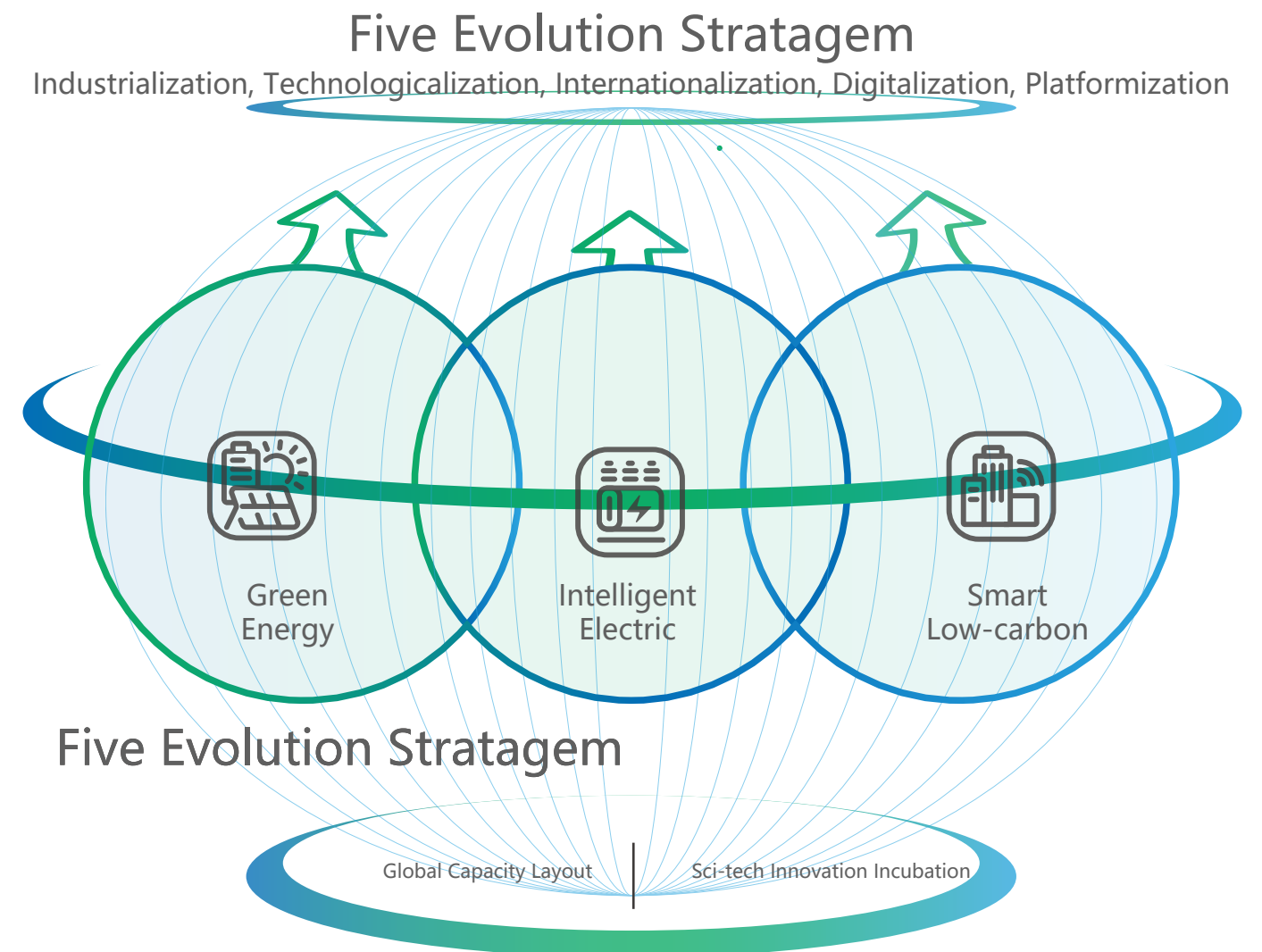
Develop green energy and Smart manufacturing
2006-2015

Build a platform for empowering innovation
2016- current stage

Open a New Blue Ocean for Dual Carbon Goals, Create a New Future for Digital Technology

New Era, New Opportunities, CHINT Build a New Momentum for the Development of the "3+2" Industry

CHINT actively seized opportunities, continued to focus on core businesses such as green energy, smart electrical, and smart low-carbon industries, fostered science and innovation incubation industries, and empowered the global market with a full-featured overseas platform. To provide global users with clean energy and smart electric full-scene solutions, together to promote efficient and sustainable development.



Open a New Blue Ocean for Dual Carbon Goals, Create a New Future for Digital Technology

Based in China, Providing Services Worldwide

4

National R&D Centers: North America, Europe, Asia-Pacific, North Africa

6

International Marketing Territories: Asia Pacific, Western Asia and Africa, Europe, Latin America, North America, China

20+

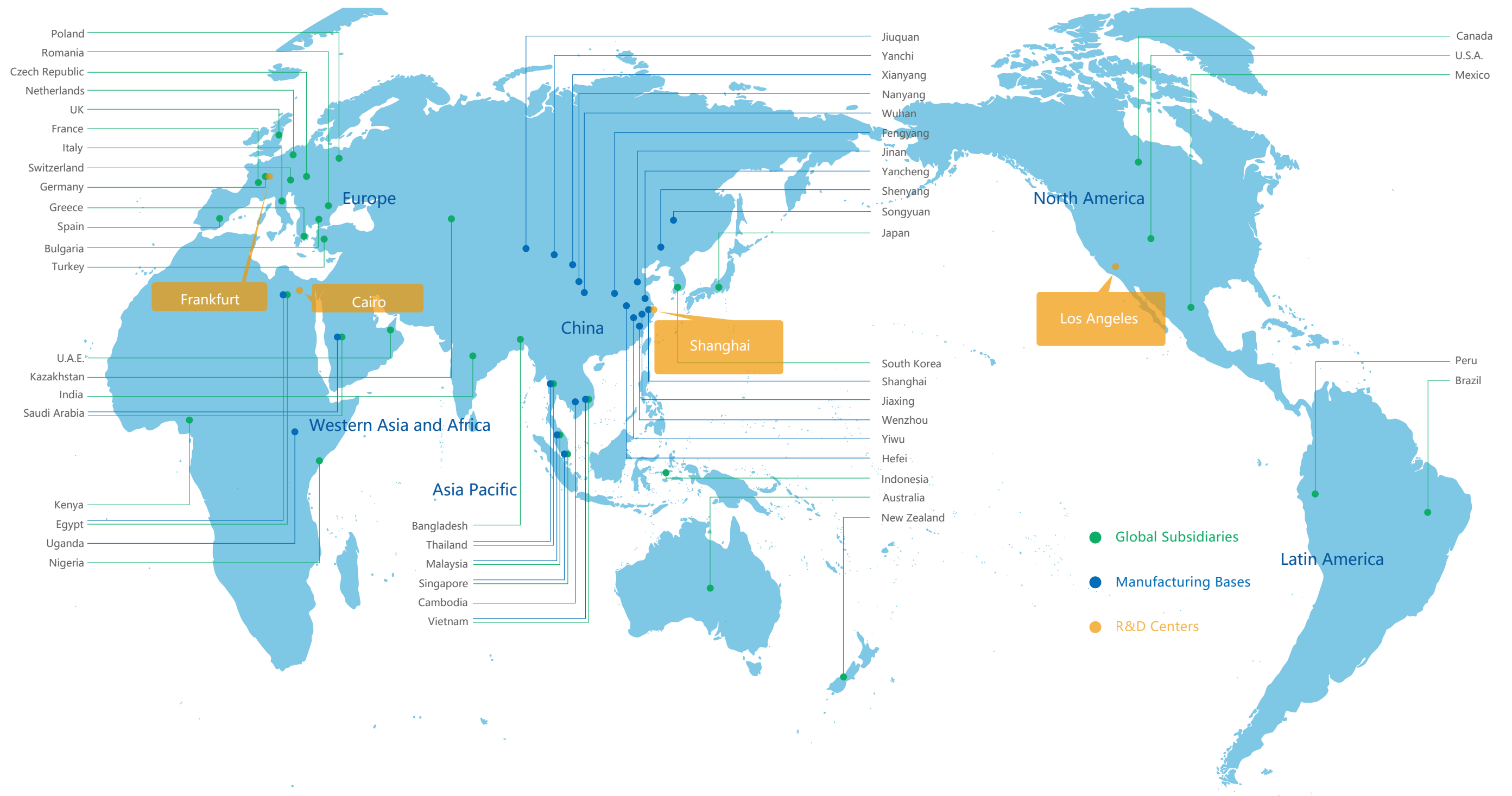
Manufacturing Bases

20+

International Logistics Centers

2300+

Global Distributors



Zhejiang CHINT ConvergY Technology Co., Ltd.

Perceive the new market situation and adapt to the new product situation

Zhejiang CHINT ConvergY Technology Co., Ltd. is a subsidiary of Zhejiang CHINT Electric Appliance Co., Ltd., mainly engaged in the research and development of EV charging products. We also provide customized solution services for investment, operation, and maintenance of special charging stations. There are 30 professional and technical personnel in our company, and our team provides operation and maintenance solutions that have spread ival over the country, such as public transportation,private cars and logistics.

The international market is our strategic highland, and we have developed DC and AC charging pile products for Europe, America, Japan and South Korea, in line with IEC, UL and CHAdEMO standards.vv

A complete after-sales sysytem will enable our products to better serve global users. For this purples, we have developed a professional online operation and maintenance platform, which will serve our users faster and better, making their use and maintenance more timely and efficient



Focus & Expertise

EV Charger

- DC charger
- DC charging Hub
- AC cahrger
- Portable AC adapter



Intelligent system

- Embedded systems
- Development of functional modules
- High stability EMI and EMC design



Smart microgrids

- Multi energy grid
- Energy intelligence complements
- Integrated construction of source, grid, load and storage
- Friendly interaction with the city grid



Multi data collection

- Base on public demand
- Independent selection of safe sampling points
- Charging data black box



Big data manage

- Personal & Business Data
- Digital platform development
- Efficient algorithms



Edge&Cloud compute

- Efficiently edge data computing
- Big data computing on cloud
- Efficient interactions



Perceive the new market situation and adapt to the new product situation

Corporate Vision	Strategic positioning: Highland in the field of low-carbon travel and energy supply for EV Objective: Leading supplier of digital and intelligent solutions for EV
Commercial Value	Resource-based platform Utilize the advantages of technology, service and network resources of CHINT Group, empower the new energy industry, and provide an operation guarantee system for regional partners.
	Advantages of the industrial chain We have integrated CHINT's traditional advantageous products such as photovoltaics, energy storage, and power equipment to create a new charging net with multi-energy integration
	Stay innovative In view of the shortcomings and application scenarios of the industry, we focus on model innovation on the basis of product innovation to solve more user charging pain points.

Portable AC Adapter

- Plastic material
- In-mold injection molding process, high-grade texture
- Indicator light/Phone APP interface
- Support WIFI/BlueTooth
- Portable and flexible to use
- Multi-port standard



Product parameters

Product Name	Portable AC Adapter
Max Current (in/out)	16 / 32 A
Max Power	3.5 / 7 kW
Rated Voltage @ Frequency	single phase: 230VAC $\pm$ 10% / two phases: 200/220VAC @ 50/60 Hz
Insulation Resistance	> 500M Ω (DC500V)
Contact Resistance	0.5m Ω Max
Output Port Options	type1, type2
Withstand Voltage	1500V
RCD Type	type A 30mA+ DC 6mA
IP Grade	IP 65
Humidity	5% to 95% non-condensing
Temperature Range	operating: -20°C to 50 °C / storage: -30°C to 60 °C
Flame retardant	UL94 V-0
Protection Function	over/under voltage, over current, leakage current, over temperature, surge, short circuit
More Function	plug&charge, current and time adjust, APP optional (wifi/BT necessary)
Certification	CE, CSA
Dimensions	210×81.5×55mm
Mass	2.6 kg
Type	NTW-EC2A3P1, EC2A7P1

Portable AC Adapter

- Plastic / Al-alloy material
- Injection molding process, high-grade texture
- Multi indicator light/Phone APP interface
- Support WIFI/BlueTooth
- Portable and flexible to use
- Multi-port standard



Product parameters

Product Name	Portable AC Adapter
Max Current (in/out)	16 / 32 A
Max Power	11 / 22 kW
Rated Voltage @ Frequency	three phases: 400VAC $\pm$ 10% @ 50/60 Hz
Insulation Resistance	> 500M Ω (DC500V)
Contact Resistance	0.5m Ω Max
Output Port Options	type1, type2
Withstand Voltage	1500V
RCD Type	type A 30mA+ DC 6mA
IP Grade	IP 65
Humidity	5% to 95% non-condensing
Temperature Range	operating: -20°C to 50 °C / storage: -30°C to 60 °C
Flame Retardant	UL94 V-0
Protection Function	over/under voltage, over current, leakage current, over temperature, surge, short circuit
More Function	plug&charge, current and time adjust, APP optional (wifi/BT necessary)
Certification	CE, CSA
Dimensions	238×81.5×66mm
Mass	6.5 kg
Type	NTW-EC2A11P1, EC2A22P1

AC Charger

- Plastic material
- Support single-phase, three-phase charging
- LED screen / Phone APP interface
- Support multi communication method
- Wall / column mounting
- Multi-port standard
- OCPP 1.6J protocol supported



Product parameters

Product Name	AC Charger
Max Current (in/out)	32 A
Max Power	7/11/22 kW
Rated Voltage @ Frequency	single phase: 230VAC $\pm$ 10% / three phases: 400VAC @ 50/60 Hz
Insulation Resistance	> 500M Ω (DC500V)
Contact Resistance	0.5m Ω Max
Output Port Options	type1, type2
Output Method	case C (plug-cable within)
Connectivity	WIFI, Bluetooth, Ethernet, 4G, RS485 (for power meter)
Communication Protocol	OCPP 1.6J, MQTT private cloud
Withstand Voltage	1500V
RCD Type	type A 30mA+ DC 6mA
IP Grade	IP 55
Humidity	5% to 95% non-condensing
Temperature Range	operating: -20°C to 50 °C / storage: -30°C to 60 °C
Flame Retardant	UL94 V-0
Protection Function	over/under voltage, over current, leakage current, over temperature, surge, short circuit
More Function	plug&charge, current and time adjust, APP optional (wifi/BT necessary)
Certification	CE, CSA
Dimensions	221.8 $\times$ 103.9 $\times$ 405 mm
Mass	6.0 kg
Type	NTW-EC2A7W1-L, EC2A11W1-L, EC2A22W1-L

AC Charger

- Plastic material
- Support single-phase, three-phase charging
- TFT touch screen (android optional) / Phone APP interface
- Support multi communication method
- Wall / column mounting
- Multi-port standard



Product parameters

Product Name	AC Charger
Max Current (in/out)	32 A
Max Power	7/11/22 kW
Rated Voltage @ Frequency	single phase: 230VAC $\pm$ 10% / three phases: 400VAC @ 50/60 Hz
Insulation Resistance	> 500M Ω (DC500V)
Contact Resistance	0.5m Ω Max
Output Port Options	type1, type2
Output Method	case C (plug-cable within)
Connectivity	WIFI, Bluetooth, Ethernet, 4G, RS485 (for power meter)
Communication Protocol	MQTT private cloud
Withstand Voltage	1500V
RCD Type	type A 30mA+ DC 6mA
IP Grade	IP 55
Humidity	5% to 95% non-condensing
Temperature Range	operating: -20°C to 50 °C / storage: -30°C to 60 °C
Flame Retardant	UL94 V-0
Protection Function	over/under voltage, over current, leakage current, over temperature, surge, short circuit
More Function	plug&charge, current and time adjust, APP optional (wifi/BT necessary)
Certification	CE, CSA
Dimensions	221.8 $\times$ 103.9 $\times$ 405 mm
Mass	6.0 kg
Type	NTW-EC2A7W1-T, EC2A11W1-T, EC2A22W1-T

AC Charger

- Plastic material
- Support single-phase, three-phase charging
- LED screen / Phone APP interface
- Support multi communication method
- Wall / column mounting
- Multi-port standard
- OCPP 1.6J protocol supported



AC Charger

- Plastic material
- Support single-phase, three-phase charging
- TFT touch screen (android optional) / Phone APP interface
- Support multi communication method
- Wall / column mounting
- Multi-port standard



Product parameters

Product Name	AC Charger
Max Current (in/out)	32 A
Max Power	7/11/22 kW
Rated Voltage @ Frequency	single phase: 230VAC $\pm$ 10% / three phases: 400VAC @ 50/60 Hz
Insulation Resistance	> 500M Ω (DC500V)
Contact Resistance	0.5m Ω Max
Output Port Options	type1, type2
Output Method	case B (socket within)
Connectivity	WIFI, BlueTooth, Ethernet, 4G, RS485 (for power meter)
Communication Protocol	OCPP 1.6J, MQTT private cloud
Withstand Voltage	1500V
RCD Type	type A 30mA+ DC 6mA
IP Grade	IP 55
Humidity	5% to 95% non-condensing
Temperature Range	operating: -20°C to 50 °C / storage: -30°C to 60 °C
Flame Retardant	UL94 V-0
Protection Function	over/under voltage, over current, leakage current, over temperature, surge, short circuit
More Function	plug&charge, current and time adjust, APP optional (wifi/BT necessary)
Certification	CE
Dimensions	221.8 $\times$ 103.9 $\times$ 405 mm
Mass	6.0 kg
Type	NTW-EC2A7W1-LB, EC2A11W1-LB, EC2A22W1-LB

Product parameters

Product Name	AC Charger
Max Current (in/out)	32 A
Max Power	7/11/22 kW
Rated Voltage @ Frequency	single phase: 230VAC $\pm$ 10% / three phases: 400VAC @ 50/60 Hz
Insulation Resistance	> 500M Ω (DC500V)
Contact Resistance	0.5m Ω Max
Output Port Options	type1, type2
Output Method	case B (socket within)
Connectivity	WIFI, BlueTooth, Ethernet, 4G, RS485 (for power meter)
Communication Protocol	MQTT private cloud
Withstand Voltage	1500V
RCD Type	type A 30mA+ DC 6mA
IP Grade	IP 55
Humidity	5% to 95% non-condensing
Temperature Range	operating: -20°C to 50 °C / storage: -30°C to 60 °C
Flame Retardant	UL94 V-0
Protection Function	over/under voltage, over current, leakage current, over temperature, surge, short circuit
More Function	plug&charge, current and time adjust, APP optional (wifi/BT necessary)
Certification	CE,
Dimensions	221.8 $\times$ 103.9 $\times$ 405 mm
Mass	6.0 kg
Type	NTW-EC2A7W1-TB, EC2A11W1-TB, EC2A22W1-TBOO

Low Power DC Charger

- Painted sheet metal housing / stainless steel optional
- Flexible configuration
- High DC voltage ranger: 150 to 1000V
- Support multi communication method
- Low standby power consumption, high efficiency up to 95%
- Multi-port standard
- OCPP 1.6J protocol supported
- Wall / column mounting



Product parameters

Product Name	DC Charger Rating 30kW / Single Plug
AC Input Voltage Range	380V (320 to 460V)
AC Input Current Range	48A (0 to 58A)
Grid Connection @ Grid types	3P+N+PE @ TN-S/TN-C-S/TT
Output Port Options	CCS2, CHAdeMO
DC Output Voltage Range	150 to 1000 V
DC Output Current Range	0 to 100A
Peak Efficiency (full / light load)	≥ 95% / ≥ 0.92
Power Factor (full / light load)	≥ 0.99 / ≥ 0.96
THDi	≤ 5%
User Authentication	OCPP app / RFID (M1)
HMI	touch screen
Connectivity	Ethernet / 4G / RS485
Communication Protocol	OCPP 1.6J
Vehicle-Charger Communication	ISO 15118 / DIN 70121 - 2014
Cooling method	Forced Air Cooling
Temperature Range @ Humidity	operating: -25°C to 50 °C / storage: -40°C to 70 °C @ 5% to 95% non-condensing
Protection	IP54, IK10
Certification	CE
Dimensions	600 × 260 × 750mm
Mass	71kg
Type	NTW-EC2D30W1

Low Power DC Charger

- Painted sheet metal housing / stainless steel optional
- Flexible configuration
- High DC voltage ranger: 150 to 1000V
- Support multi communication method
- Low standby power consumption, high efficiency up to 95%
- Multi-port standard
- OCPP 1.6J protocol supported
- Concrete foundation required



Product parameters

Product Name	DC Charger Rating 60kW / Dual Plug
AC Input Voltage Range	380V (320 to 460V)
AC Input Current Range	97A (0 to 116A)
Grid Connection @ Grid types	3P+N+PE @ TN-S/TN-C-S/TT
Output Port Options	CCS2, CHAdeMO
DC Output Voltage Range	150 to 1000 V
DC Output Current Range	0 to 200A per plug
Peak Efficiency (full / light load)	≥ 95% / ≥ 0.92
Power Factor (full / light load)	≥ 0.99 / ≥ 0.96
THDi	≤ 5%
User Authentication	OCPP app / RFID (M1)
HMI	touch screen
Connectivity	Ethernet / 4G / RS485
Communication Protocol	OCPP 1.6J
Vehicle-Charger Communication	ISO 15118 / DIN 70121 - 2014
Cooling method	Forced Air Cooling
Temperature Range @ Humidity	operating: -25°C to 50 °C / storage: -40°C to 70 °C @ 5% to 95% non-condensing
Protection	IP54, IK10
Certification	CE
Dimensions	700 × 400 × 1550mm
Weight	190kg
Type	NTW-EC2D60U2

Fast DC Charger

- Painted sheet metal housing / stainless steel optional
- Flexible configuration
- High DC voltage ranger: 150 to 1000V
- Support multi communication method
- Low standby power consumption, high efficiency up to 95%
- Multi-port standard
- OCPP 1.6J protocol supported
- Concrete foundation required



Product parameters

Product Name	DC Charger Rating 120kW / Dual Plug
AC Input Voltage Range	380V (320 to 460V)
AC Input Current Range	192A (0 to 232A)
Grid Connection @ Grid types	3P+N+PE @ TN-S/TN-C-S/TT
Output Port Options	CCS2, CHAdeMO
DC Output Voltage Range	150 to 1000 V
DC Output Current Range	0 to 250A per plug
Peak Efficiency (full / light load)	≥ 95% / ≥ 0.92
Power Factor (full / light load)	≥ 0.99 / ≥ 0.96
THDi	≤ 5%
User Authentication	OCPP app / RFID (M1)
HMI	touch screen
Connectivity	Ethernet / 4G / RS485
Communication Protocol	OCPP 1.6J
Vehicle-Charger Communication	ISO 15118 / DIN 70121 - 2014
Cooling method	Forced Air Cooling
Temperature Range @ Humidity	operating: -25°C to 50 °C / storage: -40°C to 70 °C @ 5% to 95% non-condensing
Protection	IP54, IK10
Certification	CE, CHAdeMO 2.0, CSA
Dimensions	800 x 600 x 1700 mm
Mass	310 kg
Type	NTW-EC2D120U2

Fast DC Charger

- Painted sheet metal housing / stainless steel optional
- Flexible configuration
- High DC voltage ranger: 150 to 1000V
- Support multi communication method
- Low standby power consumption, high efficiency up to 95%
- Multi-port standard
- OCPP 1.6J protocol supported
- Concrete foundation required



Product parameters

Product Name	DC Charger Rating 180kW / Dual Plug
AC Input Voltage Range	380V (320 to 460V)
AC Input Current Range	290A (0 to 350A)
Grid Connection @ Grid types	3P+N+PE @ TN-S/TN-C-S/TT
Output Port Options	CCS2, CHAdeMO
DC Output Voltage Range	150 to 1000 V
DC Output Current	0 to 250A per plug
Peak Efficiency (full / light load)	≥ 95% / ≥ 0.92
Power Factor (full / light load)	≥ 0.99 / ≥ 0.96
THDi	≤ 5%
User Authentication	OCPP app / RFID (M1)
HMI	touch screen
Connectivity	Ethernet / 4G / RS485
Communication Protocol	OCPP 1.6J
Vehicle-Charger Communication	ISO 15118 / DIN 70121 - 2014
Cooling method	Forced Air Cooling
Temperature Range @ Humidity	operating: -25°C to 50 °C / storage: -40°C to 70 °C @ 5% to 95% non-condensing
Protection	IP54, IK10
Certification	CE, CHAdeMO 2.0, CSA
Dimensions	800 x 600 x 1700 mm
Mass	355 kg
Type	NTW-EC2D180U2

Fast DC Charger

- Painted sheet metal housing / stainless steel optional
- Flexible configuration
- High DC voltage ranger: 150 to 1000V
- Support multi communication method
- Low standby power consumption, high efficiency up to 95%
- Multi-port standard
- OCPP 1.6J protocol supported
- Concrete foundation required



Product parameters

Product Name	DC Charger Rating 240kW / Dual Plug
AC Input Voltage Range	380V (320 to 460V)
AC Input Current Range	382A (0 to 420A)
Grid Connection @ Grid types	3P+N+PE @ TN-S/TN-C-S/TT
Output Port Options	CCS2, CHAdeMO
DC Output Voltage Range	150 to 1000 V
DC Output Current Range	0 to 250A per plug
Peak Efficiency (full / light load)	≥ 95% / ≥ 0.92
Power Factor (full / light load)	≥ 0.99 / ≥ 0.96
THDi	≤ 5%
User Authentication	OCPP app / RFID (M1)
HMI	touch screen
Connectivity	Ethernet / 4G / RS485
Communication Protocol	OCPP 1.6J
Vehicle-Charger Communication	ISO 15118 / DIN 70121 - 2014
Cooling method	Forced Air Cooling
Temperature Range @ Humidity	operating: -25°C to 50 °C / storage: -40°C to 70 °C @ 5% to 95% non-condensing
Protection	IP54, IK10
Certification	CE, CHAdeMO 2.0, CSA
Dimensions	750 x 690 x 1900 mm
Mass	405 kg
Type	NTW-EC2D120U2

Fast DC Charger

- Painted sheet metal housing / stainless steel optional
- Flexible configuration
- High DC voltage ranger: 150 to 1000V
- Support multi communication method
- Low standby power consumption, high efficiency up to 95%
- Multi-port standard
- OCPP 1.6J protocol supported
- Concrete foundation required



Product parameters

Product Name	DC Charger Rating 320kW / Dual Plug
AC Input Voltage Range	380V (320 to 460V)
AC Input Current Range	510A (0 to 560A)
Grid Connection @ Grid types	3P+N+PE @ TN-S/TN-C-S/TT
Output Port Options	CCS2, CHAdeMO
DC Output Voltage Range	150 to 1000 V
DC Output Current	0 to 250A per plug
Peak Efficiency (full / light load)	≥ 95% / ≥ 0.92
Power Factor (full / light load)	≥ 0.99 / ≥ 0.96
THDi	≤ 5%
User Authentication	OCPP app / RFID (M1)
HMI	touch screen
Connectivity	Ethernet / 4G / RS485
Communication Protocol	OCPP 1.6J
Vehicle-Charger Communication	ISO 15118 / DIN 70121 - 2014
Cooling method	Forced Air Cooling
Temperature Range @ Humidity	operating: -25°C to 50 °C / storage: -40°C to 70 °C @ 5% to 95% non-condensing
Protection	IP54, IK10
Certification	CE, CHAdeMO 2.0, CSA
Dimensions	750 x 690 x 1900 mm
Mass	458 kg
Type	NTW-EC2D180U2

Fast DC Charger

- Painted sheet metal housing / stainless steel optional
- Flexible configuration
- High DC voltage ranger: 150 to 1000V
- Support multi communication method
- Low standby power consumption, high efficiency up to 95%
- Multi-port standard
- OCPP 1.6J protocol supported
- Concrete foundation required



Product parameters

Product Name	DC Charger Rating 360kW / Dual Plug
AC Input Voltage Range	380V (320 to 460V)
AC Input Current Range	568A (0 to 631A)
Grid Connection @ Grid types	3P+N+PE @ TN-S/TN-C-S/TT
Output Port Options	CCS2
DC Output Voltage Range	150 to 1000 V
DC Output Current Range	0 to 350A per plug
Peak Efficiency (full / light load)	≥ 95% / ≥ 0.92
Power Factor (full / light load)	≥ 0.99 / ≥ 0.96
THDi	≤ 5%
User Authentication	OCPP app / RFID (M1)
HMI	touch screen
Connectivity	Ethernet / 4G / RS485
Communication Protocol	OCPP 1.6J
Vehicle-Charger Communication	ISO 15118 / DIN 70121 - 2014
Cooling method	Forced Air Cooling
Temperature Range @ Humidity	operating: -25°C to 50 °C / storage: -40°C to 70 °C @ 5% to 95% non-condensing
Protection	IP54, IK10
Certification	CE, CHAdeMO 2.0, CSA
Dimensions	750 x 690 x 1900 mm
Mass	470 kg
Type	NTW-EC2D120U2

Fast DC Charger

- Painted sheet metal housing / stainless steel optional
- Flexible configuration
- High DC voltage ranger: 150 to 1000V
- Support multi communication method
- Low standby power consumption, high efficiency up to 95%
- Multi-port standard
- OCPP 1.6J protocol supported
- Concrete foundation required



Product parameters

Product Name	DC Charger Rating 400kW / Dual Plug
AC Input Voltage Range	380V (320 to 460V)
AC Input Current Range	624A (0 to 694A)
Grid Connection @ Grid types	3P+N+PE @ TN-S/TN-C-S/TT
Output Port Options	CCS2
DC Output Voltage Range	150 to 1000 V
DC Output Current	0 to 350A per plug
Peak Efficiency (full / light load)	≥ 95% / ≥ 0.92
Power Factor (full / light load)	≥ 0.99 / ≥ 0.96
THDi	≤ 5%
User Authentication	OCPP app / RFID (M1)
HMI	touch screen
Connectivity	Ethernet / 4G / RS485
Communication Protocol	OCPP 1.6J
Vehicle-Charger Communication	ISO 15118 / DIN 70121 - 2014
Cooling method	Forced Air Cooling
Temperature Range @ Humidity	operating: -25°C to 50 °C / storage: -40°C to 70 °C @ 5% to 95% non-condensing
Protection	IP54, IK10
Certification	CE, CHAdeMO 2.0, CSA
Dimensions	850 x 750 x 2100 mm
Mass	515 kg
Type	NTW-EC2D180U2