

# PRODUCTS CATALOG

Shenzhen Ares Union Technology Co., Ltd  
Your EV Charging Station Specialist



## Who We Are

In order to build a world where electric mobility is the New Normal, Ares Union is dedicated to changing the way the world uses energy, EV revolution is the trend and unstoppable, and we do have the responsibility to make the world eco and beautiful!

With more than 10 years of experience in OEM & ODM projects in EVSE industrial. As an EV Charger Manufacturer and One-Stop Provider, we produce and sell hundreds of thousands of high-quality Home use and Commercial use EV Chargers every year.

With Elegant design, High demand quality control, Low default rate, Strong R&D team support, and 24x7 hours of customer service let us won too many compliments from our clients. And our aim is to "Make your charging safer" and "Make the world better"

## Why Choose Us

- **Product:** Our company specializes in innovative product technology. We offer modular-designed products that can be customized to meet the specific needs of different customers. Furthermore, we consistently upgrade and develop new technologies every year to stay at the forefront of the industry.
- **Capacity:** We have a significant production capacity with over 10 production lines dedicated to large-order production. This ensures that we can efficiently fulfill the demands of our customers, even for substantial orders.
- **R&D Ability:** Our company boasts a top-notch R&D team in China, comprising over 50 experienced engineers. This team is responsible for conducting research and development activities and provides comprehensive support for any engineering problems that may arise. With their expertise and dedication, we are well-equipped to drive innovation and stay ahead of the competition.
- **ID Ability:** We take great pride in our exceptional ID design team, recognized as one of the best in China. Our product has even won the prestigious Germany IF reward, highlighting the excellence of our ID design capabilities.
- **Price:** Our commitment is to provide the best products at the most reasonable prices. To achieve this, we adopt an aggressive cost management approach. We continuously identify opportunities for cost reduction through product design improvements and establish strong collaborations and negotiations within the supply chain.
- **Experience:** With over 5 years of experience in OEM/ODM manufacturing and project management, we have gained valuable insights and expertise in delivering high-quality products and ensuring seamless project execution. Our extensive experience enables us to understand and meet the unique requirements of our clients effectively.

## What is Our Advantages

- **Flexible Production Capacity:** As a manufacturer and one-stop provider, we have the ability to adapt to different customer demands by leveraging our flexible production capacity. In addition, we collaborate with professional subcontract factories, allowing us to further enhance our capacity and maintain competitiveness in the market.
- **Extensive Exporting Experience:** With years of experience in exporting, we have developed a deep understanding of the requirements and preferences of EV branders, distributors, wholesalers, retailers, and installers. This focus on enriching our portfolios has enabled us to meet the diverse needs of our clients in the global market.
- **Full Range of Products:** As a comprehensive one-stop provider, we offer a wide range of products to fulfill various client demands. Our product portfolio includes Portable EV Chargers, AC EV Chargers, DC EV Chargers, and Accessories. By offering this comprehensive range, we ensure that our clients have access to all the necessary products in one place.
- **Low Maintenance Costs and Easy Installation:** Our products are designed with an innovative modular approach, resulting in low maintenance costs and easy installation. We understand the importance of providing products that are not only high-quality but also cost-effective in terms of long-term maintenance and hassle-free installation.
- **Excellent Service:** Our Sales & After-sales departments are available 24/7, ready to provide prompt and efficient service to our clients. We prioritize customer satisfaction and aim to address any inquiries or concerns promptly and professionally.

## Certification



IATF16949 Certification



Certification Test Report



CE Certification



ISO9001 Quality Management System Certification

## Our Factory



## Our Partners



**STATE GRID**



**CHINA SOUTHERN  
POWER GRID**



**CRRC**



**P E N G**



**GAC MOTOR**



**ALIPAY**

**AION 埃安**



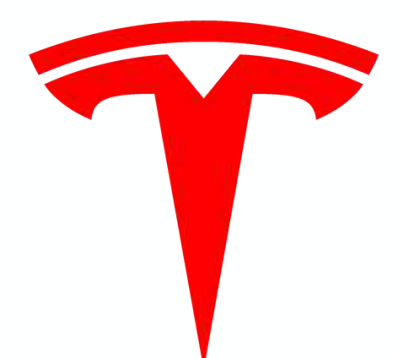
**ORANGE ENERGY**



**高德地图  
amap.com**



**SANY**



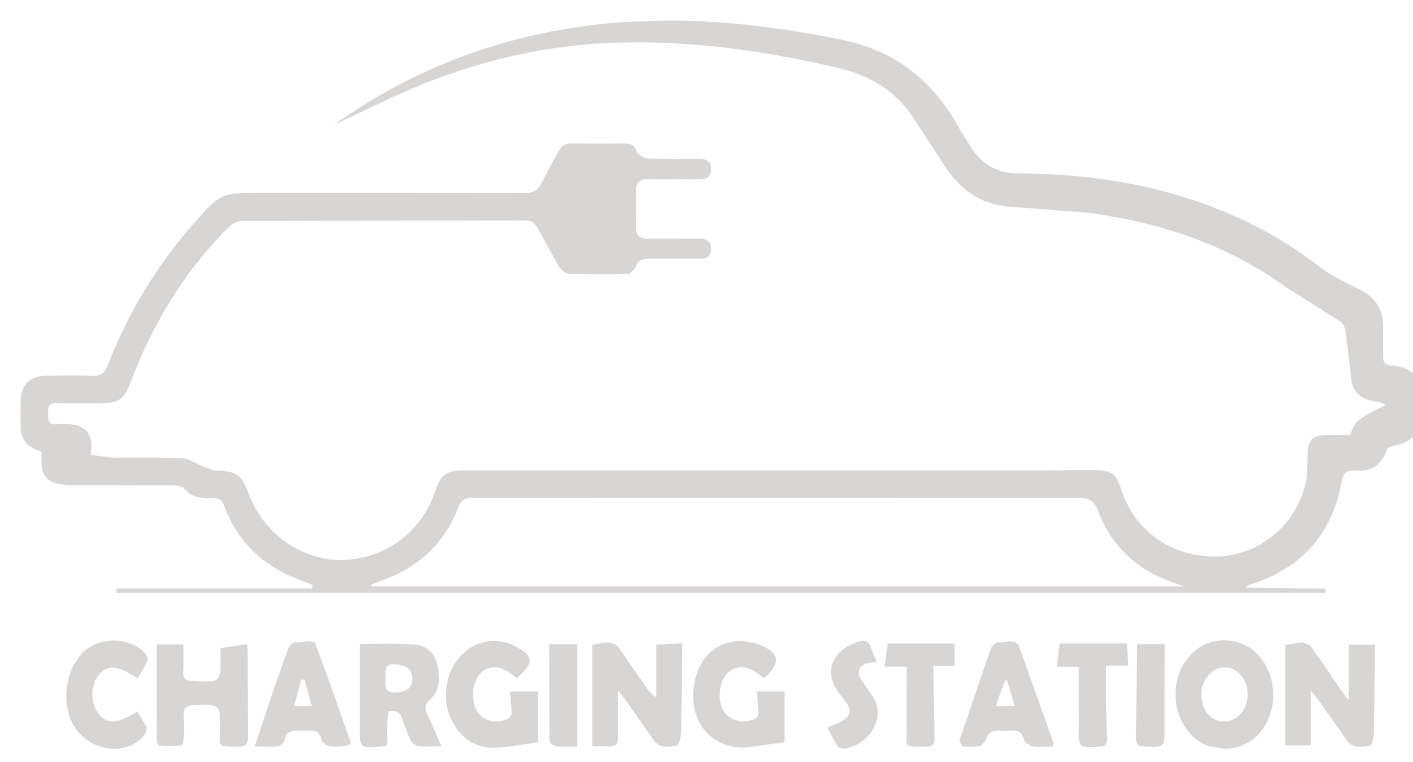
**TESLA**

# Context

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# Easygo Series Portable Box

## Easygo 1



### Friendly Interface

- Simple display with LED indicators
- Charging status identification

### Easy Operation

- Portable, plug & play
- Curve design, easy to roll

### Robust Structure

- Anti-corrosion and weatherproof
- High protection grade up to IP65

### Secure and Safe

- Residual current protection
- Over temperature protection

### 10A-32A Series



### 6A-16A Series



### Nema Series



## Technical Datasheet

Model	AT-PEG13E	AT-PEG17E	AT-PEG11E
	16A	32A	16A
Input/Output Voltage	100-240VAC 50/60Hz 1Phase		400VAC 50/60Hz 3Phase
Adjustable Current	8-16A	8-32A	8-16A
Max Power	3.5kW	7kW	11kW
Cable Length	5m (customizable)		
Weight	~4.5kgs		
Product Size	244*108*63mm		
Standby Power	<1.5W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
Standards	IEC 61851-1		
Charging Interface	IEC 62196 Type 2		
User Interface	LED (RGB)/ LCD (2.4")/ Button		
Electrical Protection	Over Current Protection, Over/ Under Voltage Protection, Surge Protection Leakage Protection, Ground Protection, CP Protection, Water-proof Protection, Residual Current Protection, Over Temperature Protection		
Working Environment	IP Degree		IP 65
	Environment Temperature		-25~+50°C
Guarantee	Warranty		12 months
	Certificate		CE/ TUV/ FCC/ ISO

# Easygo Series Portable Box

## Easygo 2

### Easy Operation

- Portable, plug & play
- Curve design, easy to roll

### Friendly Interface

- Simple display with LED indicators
- Charging status identification

### Robust Structure

- Anti-corrosion and weatherproof
- High protection grade up to IP65

### Secure and Safe

- Residual current protection
- Over temperature protection



### 10A-32A Series



3 Pins CEE 5 Pins CEE

### 6A-16A Series



UK NZ/AU EU BRA ZAF

### Nema Series



5-15P 5-20P 6-20P 10-30P 14-50P



## Technical Datasheet

Model	AT-PEG23E	AT-PEG27E	AT-PEG211E
	16A	32A	16A
Input/Output Voltage	100-240VAC 50/60Hz 1Phase		400VAC 50/60Hz 3Phase
Adjustable Current	8-16A	8-32A	8-16A
Max Power	3.5kW	7kW	11kW
Cable Length	5m (customizable)		
Weight	~4.5kgs		
Product Size	244*108*63mm		
Standby Power	<1.5W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
Standards	IEC 61851-1		
Charging Interface	IEC 62196 Type 2		
User Interface	LED (RGB)/ LCD (2.4")/ Button		
Electrical Protection	Over Current Protection, Over/ Under Voltage Protection, Surge Protection Leakage Protection, Ground Protection, CP Protection, Water-proof Protection, Residual Current Protection, Over Temperature Protection		
Working Environment	IP Degree		IP 65
	Environment Temperature		-25~+50°C
Guarantee	Warranty		12 months
	Certificate		CE/ TUV/ FCC/ ISO

# Ares Series AC Wallbox

## Unique Design & Cost Effective

- Private Tooling, elegant and compact design
- Home use with competitive price

## Easy Operation

- Start/ Stop charging by RFID Card/ App
- WIFI/ 4G/ Bluetooth are available

## Secure and Safe

- Over Current Protection
- Over/ Under Voltage Protection
- Surge Protection Leakage Protection
- Ground Protection
- CP Protection
- Water-proof Protection
- Residual Current Protection
- Over Temperature Protection

## Flexible Option

- Type 1/ Type 2 charging cable
- 7kW/ 11kW/ 22kW are available
- App/ RFID authentication, optional with play & play
- Wall-mounted/ Pedestal mounted installation



## Technical Datasheet

Model	AT-ACWS7E	AT-ACWS11E	AT-ACWS22E
	7kW	11kW	22kW
Input Voltage/ Output Voltage	100~240VAC 50/60Hz 1Phase	400VAC 50/60Hz 3Phase	400VAC 50/60Hz 3Phase
Output Current	8A/10A/13A/16A/ 22A/32A	8A/10A/13A/16A	8A/10A/13A/16A/ 22A/32A
Product Size	385*284*80 mm		
Weight	~4.0kgs	~3.5kg	~4.9kg
Cable Length	5m (customizable)		
Standby Power	<3W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
User Interface	LED (RGB)/ LCD (4.3")/ RFID (mifare ISO&IEC 14443A)		
Protocol	OCPP1.6j		
Standards	IEC 61851-1		
Charging Interface	IEC 62196 Type 2		
IP Degree	IP55		
Environment Temperature	-25~+50°C		
Humidity	Max.95% (non-regulating)		
Protection	Over Current Protection, Over/ Under Voltage Protection, Surge Protection Leakage Protection, Ground Protection, CP Protection, Water-proof Protection, Residual Current Protection, Over Temperature Protection		
Warranty	24 months		

# Artemi Series AC Wallbox

## Unique Design & Cost Effective

- Private Tooling, elegant and compact design
- Home use with competitive price

## Easy Operation

- Start/ Stop charging by RFID Card/ App
- WIFI/ 4G/ Bluetooth are available

## Secure and Safe

- Over Current Protection
- Over/ Under Voltage Protection
- Surge Protection Leakage Protection
- Ground Protection
- CP Protection
- Water-proof Protection
- Residual Current Protection
- Over Temperature Protection

## Flexible Option

- Type 1/ Type 2 charging cable
- 7kW/ 11kW/ 22kW are available
- App/ RFID authentication, optional with play & play
- Wall-mounted/ Pedestal mounted installation



## Technical Datasheet

Model	AT-ACWI7E	AT-ACWI11E	AT-ACWI22E
	7kW	11kW	22kW
Input Voltage/ Output Voltage	100~240VAC 50/60Hz 1Phase	400VAC 50/60Hz 3Phase	400VAC 50/60Hz 3Phase
Output Current	8A/10A/13A/16A/22 A/32A	8A/10A/13A/16A	8A/10A/13A/16A/22 A/32A
Product Size	385*284*80 mm		
Weight	~4.0kgs	~3.5kg	~4.9kg
Cable Length	5m (customizable)		
Standby Power	<3W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
User Interface	LED (RGB)/ LCD (4.3")/ RFID (mifare ISO&IEC 14443A)		
Protocol	OCPP1.6j		
Standards	IEC 61851-1		
Charging Interface	IEC 62196 Type 2		
IP Degree	IP55		
Environment Temperature	-25~+50°C		
Humidity	Max.95% (non-regulating)		
Protection	Over Current Protection, Over/ Under Voltage Protection, Surge Protection Leakage Protection, Ground Protection, CP Protection, Water-proof Protection, Residual Current Protection, Over Temperature Protection		
Warranty	24 months		

# Apollo Series AC Wallbox

## Unique Design & Cost Effective

- Private Tooling, elegant and compact design
- Home use with competitive price

## Easy Operation

- Start/ Stop charging by RFID Card/ App
- WIFI/ 4G/ Bluetooth are available

## Secure and Safe

- Over Current Protection
- Over/ Under Voltage Protection
- Surge Protection Leakage Protection
- Ground Protection
- CP Protection
- Water-proof Protection
- Residual Current Protection
- Over Temperature Protection

## Flexible Option

- Type 1/ Type 2 charging cable
- 7kW/ 11kW/ 22kW are available
- App/ RFID authentication, optional with play & play
- Wall-mounted/ Pedestal mounted installation



## Technical Datasheet

Model	AT-ACWO7E	AT-ACWO11E	AT-ACWO22E
	7kW	11kW	22kW
Input Voltage/ Output Voltage	100~240VAC 50/60Hz 1Phase	400VAC 50/60Hz 3Phase	400VAC 50/60Hz 3Phase
Output Current	8A/10A/13A/16A/22 A/32A	8A/10A/13A/16A	8A/10A/13A/16A/22 A/32A
Product Size	385*284*80 mm		
Weight	~4.0kgs	~3.5kg	~4.9kg
Cable Length	5m (customizable)		
Standby Power	<3W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
User Interface	LED (RGB)/ RFID (mifare ISO&IEC 14443A)		
Protocol	OCPP1.6j		
Standards	IEC 61851-1		
Charging Interface	IEC 62196 Type 2		
IP Degree	IP55		
Environment Temperature	-25~+50°C		
Humidity	Max.95% (non-regulating)		
Protection	Over Current Protection, Over/ Under Voltage Protection, Surge Protection Leakage Protection, Ground Protection, CP Protection, Water-proof Protection, Residual Current Protection, Over Temperature Protection		
Warranty	24 months		

# Aurora Series AC Wallbox

## Unique Design & Cost Effective

- Private Tooling, elegant and compact design
- Home use with competitive price

## Easy Operation

- Start/ Stop charging by RFID Card/ App
- WIFI/ 4G/ Bluetooth are available

## Secure and Safe

- Over Current Protection
- Over/ Under Voltage Protection
- Surge Protection Leakage Protection
- Ground Protection
- CP Protection
- Water-proof Protection
- Residual Current Protection
- Over Temperature Protection

## Flexible Option

- Type 1/ Type 2 charging cable
- 7kW/ 11kW/ 22kW are available
- App/ RFID authentication, optional with play & play
- Wall-mounted/ Pedestal mounted installation





## Technical Datasheet

Model	AT-ACWA7E	AT-ACWA11E	AT-ACWA22E
	7kW	11kW	22kW
Input Voltage/ Output Voltage	100~240VAC 50/60Hz 1Phase	400VAC 50/60Hz 3Phase	400VAC 50/60Hz 3Phase
Output Current	8A/10A/13A/16A/22 A/32A	8A/10A/13A/16A	8A/10A/13A/16A/22 A/32A
Product Size	330*192*104 mm		
Weight	~4.0kgs	~3.5kg	~4.9kg
Cable Length	5m (customizable)		
Standby Power	<3W		
Communication	Wi-Fi 802.11b/g/n@2.4GHz		
User Interface	LED (RGB)/ RFID (mifare ISO&IEC 14443A)		
Protocol	OCPP1.6j		
Standards	IEC 61851-1		
Charging Interface	IEC 62196 Type 2		
IP Degree	IP55		
Environment Temperature	-25~+50°C		
Humidity	Max.95% (non-regulating)		
Protection	Over Current Protection, Over/ Under Voltage Protection, Surge Protection Leakage Protection, Ground Protection, CP Protection, Water-proof Protection, Residual Current Protection, Over Temperature Protection		
Warranty	24 months		

# Superbox Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Two CCS2 DC connectors, with output up to 80kW, GBT (0-250A), CCS1&CCS2 (0-200A)
- Constant power from 200-1000V voltage

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54
- Air Cooling
- Low Noise <65dB

## Intelligent

- CAN communication/ PLC customized
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment

## Two Connectors

CCS1+CHAdeMO / CCS1+CCS1 / CCS1+GBT / GBT+GBT  
 CCS2+CCS2 / CCS2+CHAdeMO / CCS2+GBT



# Superbox DC Charging Station

## Technical Datasheet

Datasheet	Model	ATDC1000-60A7	ATDC1000-80A7
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)	
	AC Rated Voltage	380V±10% (CCS2)/ 480V±10% (CCS1)	
	Frequency	50/60Hz	
Output	Output Voltage	200V-1000V DC	
	Single Gun Output	0-250A (GBT)/ 0-200A (CCS1 &CCS2)	
	Maximum Current	400A	400A
	Rated Power	60kW	80kW
User Interface	Charge Connector	CCSI, CCS2, CHAdeMO, GBT	
	Cable Length	5m (customizable)	
	Enclosure	Galvanized steel	
	LED Indicator	Green/ Yellow/ Red	
	LCD Display	7" color touch screen	
	RFID Reader	Mifare ISO/IEC 14443A/B	
Communication	WiFi	Yes	
	Power Distribution	Equalization/ Intelligent Distribution/ Cutting	
	Communication Mode	CAN Communication/ PLC (Customized)	
	Protocol	ISO15118/ OCCP1.6 (American Standard) IEC62196-3 (European Standard)	
	Charging Mode	IEC 61851 charging mode 4	

Electrical Parameter	Efficiency	Max 95%
	Power Factor	$\geq 0.99$ @50%-100% loading
	THD	$\leq \pm 5\%$ @100% loading
	Ripple Factor	$\leq \pm 1\%$
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over Voltage Protection, Over Current Protection, Over Power Protection, Over Temperature Protection, Waterproof & Dustproof, Short Circuit Protection, Anti-theft Protection, Lighting Protection, Electromagnetic Field Protection, Battery Protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Installation	Floor-stand
	Cooling Method	Air Cooling
	Noise	$\leq 55$ dB(A)
	Work Temperature	-40~+70°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Package	Product Dimension	810*511*1686mm (W*D*H)
	External Package	Wood case

# Superbox Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Two CCS2 DC connectors, with output up to 180kW
- Constant power from 200-1000V voltage, less heat with smaller current

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

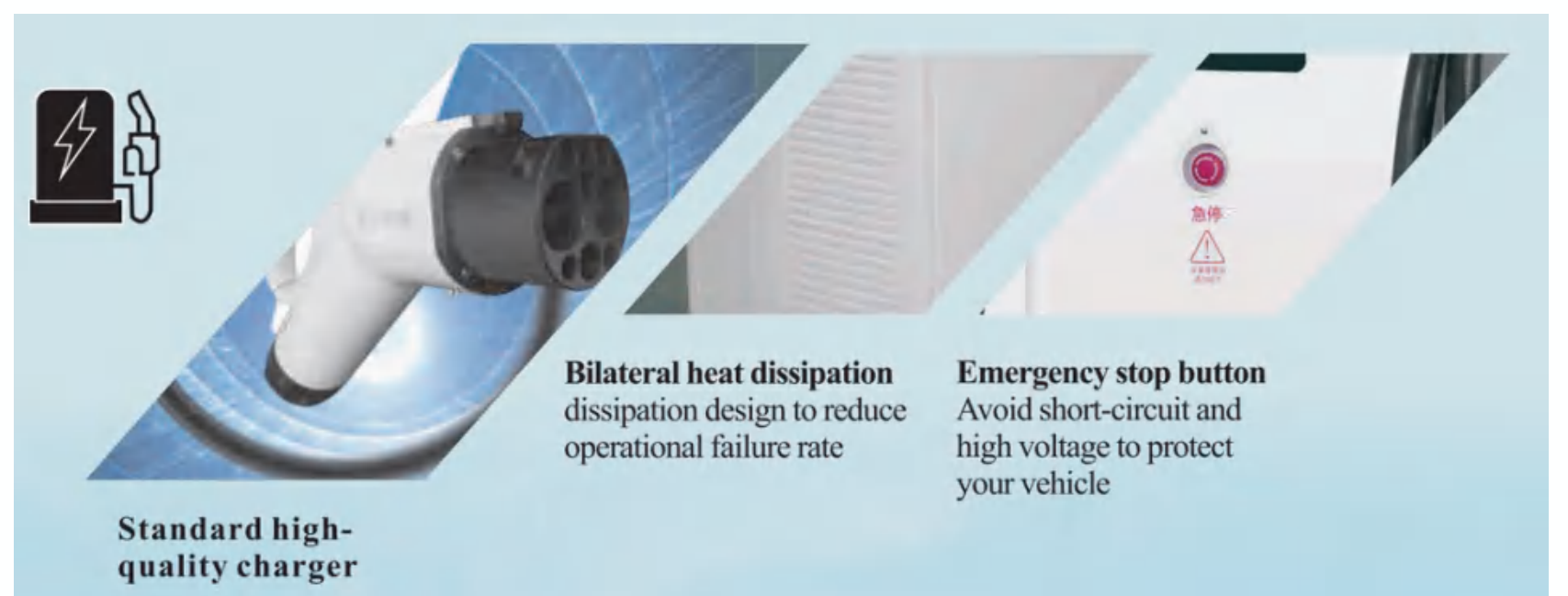
- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54
- Air Cooling
- Low Noise <65dB

## Intelligent

- Ethernet/ 4G/ WiFi communication all supported
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment

## Two Connectors

CCS1+CHAdeMO / CCS1+CCS1 / CCS1+GBT / GBT+GBT  
 CCS2+CCS2 / CCS2+CHAdeMO / CCS2+GBT



# Superbox DC Charging Station

## Technical Datasheet

Datasheet	Model	ATDC1000-120A7	ATDC1000-160A7	ATDC1000-180A7
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)		
	AC Rated Voltage	380V±10% (CCS2)/ 480V±10% (CCS1)		
	Frequency	50/60Hz		
Output	Output Voltage	200V-1000V DC		
	Single Gun Output	0-250A (GBT)/ 0-200A (CCS1 & CCS2)		
	Maximum Current	400A	400A	
	Rated Power	120kW	160kW	180kW
User Interface	Charge Connector	CCSI, CCS2, CHAdeMO, GBT		
	Cable Length	5m (customizable)		
	Enclosure	Galvanized steel		
	LED Indicator	Green/ Yellow/ Red		
	LCD Display	7" color touch screen		
	RFID Reader	Mifare ISO/IEC 14443A/B		
Communication	WiFi	Yes		
	Power Distribution	Equalization/ Intelligent Distribution/ Cutting		
	Communication Mode	CAN Communication/ PLC (Customized)		
	Protocol	ISO15118/ OCCP1.6 (American Standard) IEC62196-3 (European Standard)		
	Charging Mode	IEC 61851 charging mode 4		

Electrical Parameter	Efficiency	Max 95%
	Power Factor	$\geq 0.99$ @50%-100% loading
	THD	$\leq \pm 5\%$ @100% loading
	Ripple Factor	$\leq \pm 1\%$
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over Voltage Protection, Over Current Protection, Over Power Protection, Over Temperature Protection, Waterproof & Dustproof, Short Circuit Protection, Anti-theft Protection, Lighting Protection, Electromagnetic Field Protection, Battery Protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Installation	Floor-stand
	Cooling Method	Air Cooling
	Noise	$\leq 55$ dB(A)
	Work Temperature	-40~+70°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Package	Product Dimension	830*620*1867mm (W*D*H)
	External Package	Wood case

# Superbox Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Two CCS2 DC connectors, with output up to 400kW
- Constant power from 200-1000V voltage, less heat with smaller current

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

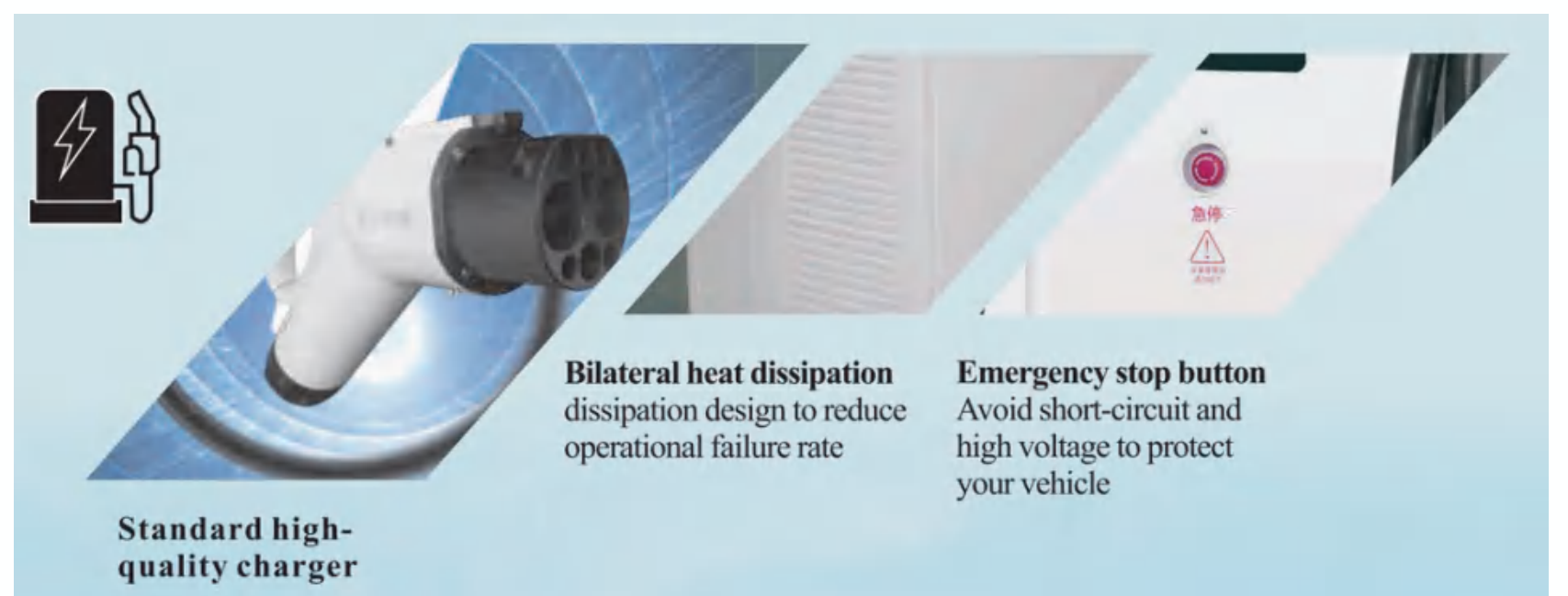
- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54
- Air Cooling
- Low Noise <65dB

## Intelligent

- Ethernet/ 4G/ WiFi communication all supported
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment

## Two Connectors

CCS1+CHAdeMO / CCS1+CCS1 / CCS1+GBT / GBT+GBT  
 CCS2+CCS2 / CCS2+CHAdeMO / CCS2+GBT





# Superbox DC Charging Station

## Technical Datasheet

Datasheet	Model	ATDC1000-120A21	ATDC1000-160A21	ATDC1000-180A21
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)		
	AC Rated Voltage	380V±10% (CCS2)/ 480V±10% (CCS1)		
	Frequency	50/60Hz		
Output	Output Voltage	200V-1000V DC		
	Single Gun Output	0-250A (GBT)/ 0-200A (CCS1 & CCS2)		
	Maximum Current	400A	400A	
	Rated Power	120kW	160kW	180kW
User Interface	Charge Connector	CCSI, CCS2, CHAdeMO, GBT		
	Cable Length	5m (customizable)		
	Enclosure	Galvanized steel		
	LED Indicator	Green/ Yellow/ Red		
	LCD Display	21.5" color touch screen		
	RFID Reader	Mifare ISO/IEC 14443A/B		
Communication	WiFi	Yes		
	Power Distribution	Equalization/ Intelligent Distribution/ Cutting		
	Communication Mode	CAN Communication/ PLC (Customized)		
	Protocol	ISO15118/ OCCP1.6 (American Standard) IEC62196-3 (European Standard)		
	Charging Mode	IEC 61851 charging mode 4		

Electrical Parameter	Efficiency	Max 95%
	Power Factor	$\geq 0.99$ @50%-100% loading
	THD	$\leq \pm 5\%$ @100% loading
	Ripple Factor	$\leq \pm 1\%$
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over Voltage Protection, Over Current Protection, Over Power Protection, Over Temperature Protection, Waterproof & Dustproof, Short Circuit Protection, Anti-theft Protection, Lighting Protection, Electromagnetic Field Protection, Battery Protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Installation	Floor-stand
	Cooling Method	Air Cooling
	Noise	$\leq 55$ dB(A)
	Work Temperature	-40~+70°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Package	Product Dimension	830*620*1867mm (W*D*H)
	External Package	Wood case

# Superbox Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Two CCS2 DC connectors, with output up to 400kW
- Constant power from 200-1000V voltage, less heat with smaller current

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

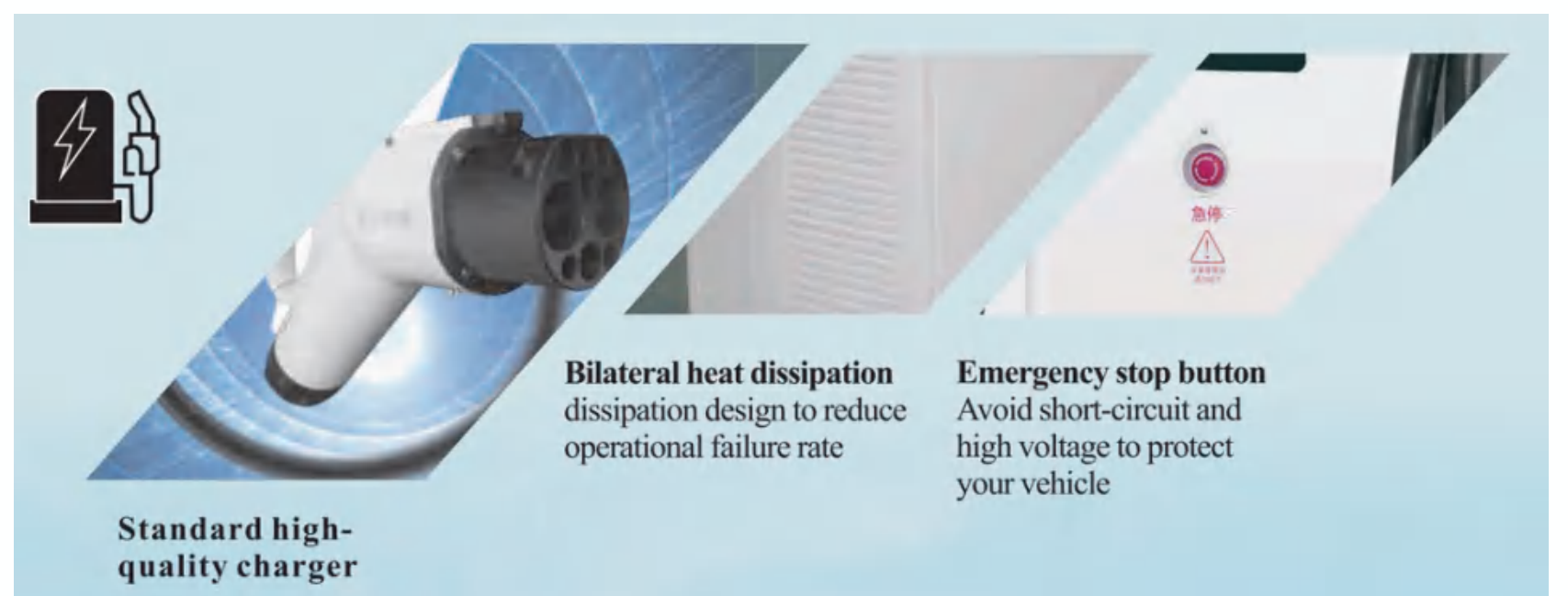
- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54
- Air Cooling
- Low Noise <65dB

## Intelligent

- Ethernet/ 4G/ WiFi communication all supported
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment

## Two Connectors

CCS1+CHAdeMO / CCS1+CCS1 / CCS1+GBT / GBT+GBT  
 CCS2+CCS2 / CCS2+CHAdeMO / CCS2+GBT



# Superbox DC Charging Station

## Technical Datasheet

Datasheet	Model	ATDC1000-240A7	ATDC1000-320A7	ATDC1000-400A7
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)		
	AC Rated Voltage	380V±10% (CCS2)/ 480V±10% (CCS1)		
	Frequency	50/60Hz		
Output	Output Voltage	200V-1000V DC		
	Single Gun Output	0-250A (GBT)/ 0-200A (CCS1 & CCS2)		
	Maximum Current	400A	400A	
	Rated Power	240kW	320kW	400kW
User Interface	Charge Connector	CCSI, CCS2, CHAdeMO, GBT		
	Cable Length	5m (customizable)		
	Enclosure	Galvanized steel		
	LED Indicator	Green/ Yellow/ Red		
	LCD Display	7" color touch screen		
	RFID Reader	Mifare ISO/IEC 14443A/B		
Communication	WiFi	Yes		
	Power Distribution	Equalization/ Intelligent Distribution/ Cutting		
	Communication Mode	CAN Communication/ PLC (Customized)		
	Protocol	ISO15118/ OCCP1.6 (American Standard) IEC62196-3 (European Standard)		
	Charging Mode	IEC 61851 charging mode 4		

Electrical Parameter	Efficiency	Max 96%
	Power Factor	$\geq 0.99$ @50%-100% loading
	THD	$\leq \pm 5\%$ @100% loading
	Ripple Factor	$\leq \pm 1\%$
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over Voltage Protection, Over Current Protection, Over Power Protection, Over Temperature Protection, Waterproof & Dustproof, Short Circuit Protection, Anti-theft Protection, Lighting Protection, Electromagnetic Field Protection, Battery Protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Installation	Floor-stand
	Cooling Method	Air Cooling
	Noise	$\leq 55$ dB(A)
	Work Temperature	-40~+70°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Package	Dimensions of Main Cabinet	1622.5*937.5*1766mm (W*D*H)
	Dimensions of Sub Cabinet	830*824*1966mm (W*D*H)

# Ultra Superbox Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Split Liquid Cooling Supercharging Stack, Up to 360kW/ 480kW/ 600kW/ 720kW
- AC Input Voltage Range: 380V±15%, Output voltage 200-1000Vdc (300-1000Vdc constant power)

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

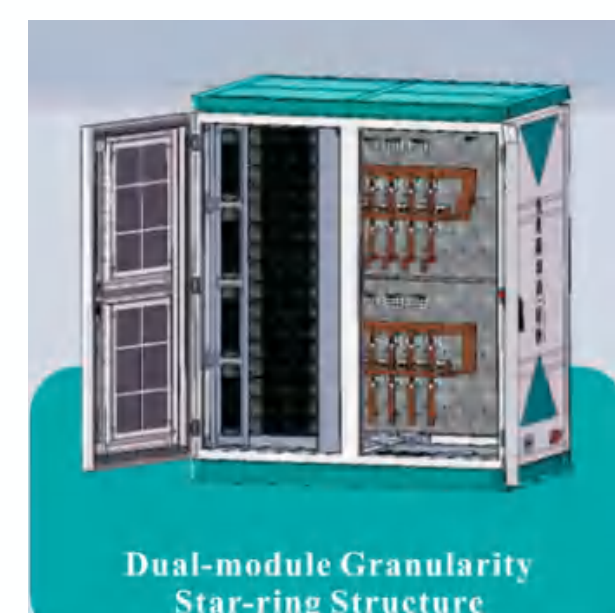
- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54
- Air Cooling
- Low Noise <65dB

## Intelligent

- Ethernet/ 4G/ WiFi communication all supported
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment



Main Rectifier Cabinet



# Ultra Superbox DC Charging Station

## Technical Datasheet

Datasheet	Model	ATDC1000-360KW-L101 Dual Module Granularity Star-Ring Structure ATDC1000-360KW-L201 Single Module Granularity Star-Ring Structure ATDC1000-360KW-L301 Single Module Full Matrix Intelligent Distribution
		ATDC1000-480KW-L101 Dual Module Granularity Star-Ring Structure ATDC1000-480KW-L201 Single Module Granularity Star-Ring Structure ATDC1000-480KW-L301 Single Module Full Matrix Intelligent Distribution
		ATDC1000-600KW-L101 Dual Module Granularity Star-Ring Structure ATDC1000-600KW-L201 Single Module Granularity Star-Ring Structure ATDC1000-600KW-L301 Single Module Full Matrix Intelligent Distribution
		ATDC1000-720KW-L101 Dual Module Granularity Star-Ring Structure ATDC1000-720KW-L201 Single Module Granularity Star-Ring Structure ATDC1000-720KW-L301 Single Module Full Matrix Intelligent Distribution
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)
	AC Rated Voltage	380V±15%
	Frequency	45~66Hz
Output	Output Voltage	200V-1000V DC
	Constant Power	300V-1000V DC
	Output Current	0~1000A, efficiency≥96%

## Ultra Superbox DC Charging Station

Communication	Metering Method	DC amperemeter metering
	Power Distribution	Equalization/ Intelligent Distribution/ Cutting
	Communication Mode	CAN Communication/ PLC (Customized)
	Protocol	ISO15118/ OCCP1.6 (American Standard) IEC62196-3 (European Standard)
	Charging Protocol	DIN 70121
	Charging Mode	IEC 61851 charging mode 4
	Charger Standard	CCS1 (American Standard) CCS2 (European Standard)
Electrical Parameter	Efficiency	Max 96%
	Power Factor	$\geq 0.99$ @50%-100% loading
	THD	$\leq \pm 5\%$ @100% loading
	Ripple Factor	$\leq \pm 1\%$
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over Voltage Protection, Over Current Protection, Over Power Protection, Over Temperature Protection, Waterproof & Dustproof, Short Circuit Protection, Anti-theft Protection, Lighting Protection, Electromagnetic Field Protection, Battery Protection



## Ultra Superbox DC Charging Station

Safety	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Installation	Floor-stand
	Cooling Method	Liquid Cooling
	Noise	≤55dBA
	Work Temperature	-20~+50°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Package	Dimensions	1622.5*937.5*1766mm (W*D*H)
	External Package	Wood case

# Ultra Superbox Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Single DC connectors, with output up to 90kW
- Output Current 0-1000A, Output Voltage 200-1000Vdc (300-1000Vdc constant power)

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54/ IP55
- Forced Air Cooling and Liquid Cooling
- Low Noise <65dB

## Intelligent

- Ethernet/ 4G/ CAN/ RS485/ WiFi communication all supported
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment



Common



High Configuration

# Ultra Superbox DC Charging Station

## Technical Datasheet

Datasheet	Model	ATDC1000-600L1 (Common) ATDC1000-480L1 (Common)
		ATDC1000-600L2 (High Configuration) ATDC1000-480L2 (High Configuration)
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)
	AC Rated Voltage	380V±15%
	Frequency	45~66Hz
Output	Output Voltage	200V-1000V DC
	Constant Power	300V-1000V DC
	Output Current	0~1000A, efficiency≥96%
	Charger	Single Charger with 5m cable
Communication	Metering Method	DC amperemeter metering
	Power Distribution	Equalization/ Intelligent Distribution/ Cutting
	Communication Mode	CAN Communication/ PLC (Customized)
	Protocol	ISO15118/ OCCP1.6 (American Standard) IEC62196-3 (European Standard)
	Charging Protocol	DIN 70121
	Charging Mode	IEC 61851 charging mode 4
	Charger Standard	CCS1 (American Standard) CCS2 (European Standard)
	Interface	4G, RS485, CAN, Ethernet

Electrical Parameter	Efficiency	Max 96%
	Power Factor	$\geq 0.99$ @50%-100% loading
	Ripple Factor	$\leq \pm 1\%$
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over Voltage Protection, Over Current Protection, Over Power Protection, Over Temperature Protection, Waterproof & Dustproof, Short Circuit Protection, Anti-theft Protection, Lighting Protection, Electromagnetic Field Protection, Battery Protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Cooling Method	Forced Air Cooling + Liquid Cooling
	Cooling Fan Power	90W
	Noise	$\leq 55$ dB(A)
	Work Temperature	-20~+50°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Package	Dimensions of Cooling Source Module	550*200*600mm (W*D*H)
	Product Dimensions	610*446*1532mm (W*D*H)

# Ultra Superbox Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Two CCS2 DC connectors, with output up to 400kW
- Constant power from 200-1000V voltage, less heat with smaller current

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54
- Air Cooling
- Low Noise <65dB

## Intelligent

- Ethernet/ 4G/ WiFi communication all supported
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment



Common



High Configuration

# Ultra Superbox DC Charging Station

## Technical Datasheet

Datasheet	Model	ATDC1000-240L1 (Common)	ATDC1000-240L2 (High Configuration)
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)	
	AC Rated Voltage	380V±15%	
	Frequency	45~66Hz	
Output	Output Voltage	200V-1000V DC	
	Constant Power	300V-1000V DC	
	Current (Single Gun)	0~250A (GBT)/ 0~200A (CCS1&CCS2)	
Communication	Metering Method	DC amperemeter metering	
	Power Distribution	Equalization/ Intelligent Distribution/ Cutting	
	Communication Mode	CAN Communication/ PLC (Customized)	
	Communication Protocol	ISO15118/ OCCP1.6 (American Standard) IEC62196-3 (European Standard)	
	Charging Protocol	DIN 70121	
	Charging Mode	IEC 61851 charging mode 4	
	Charger Standard	CCS1 (American Standard)/ CCS2 (European Standard)	
	Interface	4G, RS485, CAN, Ethernet	
Electrical Parameter	Efficiency	Max 96% (full load)	
	Power Factor	≥0.99 @50%-100% loading	
	Ripple Factor	≤±1%	

# Ultra Superbox DC Charging Station

## Technical Datasheet

Standard	Connector	CCSI, CCS2, CHAdeMO, GBT
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over Voltage Protection, Over Current Protection, Over Power Protection, Over Temperature Protection, Waterproof & Dustproof, Short Circuit Protection, Anti-theft Protection, Lighting Protection, Electromagnetic Field Protection, Battery Protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Cooling Method	Forced Air Cooling + Liquid Cooling
	Cooling Fan Power	90W
	Noise	≤55dBA
	Work Temperature	-20~+50°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Product	Dimensions	610*446*1532mm (W*D*H)

# Ultra Superbox Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Single Charger, GBT (0-250A)/ CCS1 & CCS2 (0-200A)
- Constant power from 200-1000Vdc voltage, less heat with smaller current

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54
- Air Cooling
- Low Noise <65dB

## Intelligent

- CAN communication/ PLC (customized)
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment





# Ultra Superbox DC Charging Station

## Technical Datasheet

Datasheet	Model	ATDC1000-240LC1 (General)
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)
	AC Rated Voltage	380V±15%
	Frequency	50/60Hz
Output	Output Voltage	200V-1000V DC
	Current (Single Gun)	0~250A (GBT)/ 0-200A (CCS1&CCS2)
	Rated Power	240kW
User Interface	Charge Connector	CCSI, CCS2, CHAdeMO, GBT
	Cable Length	5m (customizable)
	Enclosure	Galvanized steel
	LED Indicator	Green/ Yellow/ Red
	LCD Display	7" color touch screen
	RFID Reader	Mifare ISO/IEC 14443A/B
Communication	WiFi	Yes
	Power Distribution	Equalization/ Intelligent Distribution/ Cutting
	Communication Mode	CAN Communication/ PLC (Customized)
	Protocol	ISO15118/ OCCP1.6 (American Standard) IEC62196-3 (European Standard)
	Charging Mode	IEC 61851 charging mode 4
	Interface	4G, CAN, Ethernet

Electrical Parameter	Efficiency	Max 96%
	Power Factor	$\geq 0.99$ @50%-100% loading
	THD	$\leq \pm 5\%$ @100% loading
	Ripple Factor	$\leq \pm 1\%$
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over Voltage Protection, Over Current Protection, Over Power Protection, Over Temperature Protection, Waterproof & Dustproof, Short Circuit Protection, Anti-theft Protection, Lighting Protection, Electromagnetic Field Protection, Battery Protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Installation	Floor-stand
	Cooling Method	Forced Air Cooling + Liquid Cooling
	Noise	$\leq 55$ dB(A)
	Work Temperature	-40~+70°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Package	Dimensions	610*446*1532mm (W*D*H)

# Ultra Superbox Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Two CCS2 DC connectors, with output up to 400kW
- Constant power from 200-1000V voltage, less heat with smaller current

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54
- Air Cooling
- Low Noise <65dB

## Intelligent

- Ethernet/ 4G/ WiFi communication all supported
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment



Common



# Ultra Superbox DC Charging Station

## Technical Datasheet

Datasheet	Model	ATDC1000-240L7	ATDC1000-320L7	ATDC1000-360L7
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)		
	AC Rated Voltage	380V±15%		
	Frequency	50/60Hz		
Output	Output Voltage	200V-1000V DC		
	DC Output Current	0~600A (Single Charger)		
	Maximum Current	400A	400A	
	Rated Power	240kW	320kW	360kW
User Interface	Charge Connector	CCSI, CCS2, CHAdeMO, GBT		
	Cable Length	5m (customizable)		
	Enclosure	Galvanized steel		
	LED Indicator	Green/ Yellow/ Red		
	LCD Display	7" color touch screen		
	RFID Reader	Mifare ISO/IEC 14443A/B		
Communication	WiFi	Yes		
	Power Distribution	Equalization/ Intelligent Distribution/ Cutting		
	Communication Mode	CAN Communication/ PLC (Customized)		
	Protocol	ISO15118/ OCCP1.6 (American Standard) IEC62196-3 (European Standard)		
	Charging Mode	IEC 61851 charging mode 4		

Electrical Parameter	Efficiency	Max 96%
	Power Factor	$\geq 0.99$ @50%-100% loading
	THD	$\leq \pm 5\%$ @100% loading
	Ripple Factor	$\leq \pm 1\%$
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over Voltage Protection, Over Current Protection, Over Power Protection, Over Temperature Protection, Waterproof & Dustproof, Short Circuit Protection, Anti-theft Protection, Lighting Protection, Electromagnetic Field Protection, Battery Protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Installation	Floor-stand
	Cooling Method	Forced Air Cooling + Liquid Cooling
	Noise	$\leq 55$ dB(A)
	Work Temperature	-40~+70°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Package	Dimensions	830*824*1966mm (W*D*H)

# Ultra Superbox Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Single DC Charger, 0-600A
- Constant power from 200-1000Vdc voltage, less heat with smaller current

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54
- Liquid Cooling
- Low Noise <65dB

## Intelligent

- CAN/ Ethernet/ RS485/ RS232/ 4G/ WiFi communication all supported
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment



High Configuration



# Ultra Superbox DC Charging Station

## Technical Datasheet

Datasheet	Model	ATDC1000-240L21	ATDC1000-320L21	ATDC1000-360L21
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)		
	AC Rated Voltage	380V±15%		
	Frequency	50/60Hz		
Output	Output Voltage	200V-1000V DC		
	DC Output Current	0~600A (Single Charger)		
	Maximum Current	400A	400A	
	Rated Power	240kW	320kW	360kW
User Interface	Charge Connector	CCSI, CCS2, CHAdeMO, GBT		
	Cable Length	5m (customizable)		
	Enclosure	Galvanized steel		
	LED Indicator	Green/ Yellow/ Red		
	LCD Display	21.5" color touch screen		
	RFID Reader	Mifare ISO/IEC 14443A/B		
Communication	WiFi	Yes		
	Power Distribution	Equalization/ Intelligent Distribution/ Cutting		
	Communication Mode	CAN Communication/ PLC (Customized)		
	Protocol	ISO15118/ OCCP1.6 (American Standard) IEC62196-3 (European Standard)		
	Charging Mode	IEC 61851 charging mode 4		

Electrical Parameter	Efficiency	Max 96%
	Power Factor	$\geq 0.99$ @50%-100% loading
	THD	$\leq \pm 5\%$ @100% loading
	Ripple Factor	$\leq \pm 1\%$
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over Voltage Protection, Over Current Protection, Over Power Protection, Over Temperature Protection, Waterproof & Dustproof, Short Circuit Protection, Anti-theft Protection, Lighting Protection, Electromagnetic Field Protection, Battery Protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Installation	Floor-stand
	Cooling Method	Forced Air Cooling + Liquid Cooling
	Noise	$\leq 55$ dB(A)
	Work Temperature	-40~+70°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Package	Dimensions	830*824*1966mm (W*D*H)



# Supersonic Series DC Charging Station

## High Efficiency

- One charger with multiple outputs, simultaneously charging
- Two CCS2 DC connectors, with output up to 240kW
- Constant power from 300-1000V voltage, less heat with smaller current

## Secure and safe

- Type A RCD for residual current protection
- MID-certified AC meter
- ISO15118 prepared for advanced feature of Plug & Charge

## Flexible

- APP operation/ RFID authentication/ Plug & Play
- High protection grade as IP54
- Air cooling (Liquid cooling optional)

## Intelligent

- Ethernet/ 4G/ WiFi communication all supported
- OCPP communication protocol with CMS
- Intelligent operation by App and cashless payment

## Two Connectors

CCS1+CHAdeMO / CCS1+CCS1 / CCS1+GBT / GBT+GBT  
 CCS2+CCS2 / CCS2+CHAdeMO / CCS2+GBT



# Supersonic DC Charging Station

## Technical Datasheet

Datasheet	Model	AT-DC60E	AT-DC120E	AT-DC180E	AT-DC240E
Input	Power Supply	3P+5 Wires (A+B+C+N+PE)			
	Rated Voltage	260-485V AC			
	Frequency	50/60Hz			
Output	Output Voltage	150V-1000V DC			
	Constant power	300V-1000V DC			
	Maximum Current	200A	400A	400A	400A
	Rated Power	60kW	120kW	180kW	240kW
User Interface	Charge Connector	CCS1	CCS2	Chademmo	GBT
	Cable Length	5m (customizable)			
	Enclosure	Galvanized steel			
	LED Indicator	Green/ Yellow/ Red			
	LCD Display	12.1" color touch screen			
	RFID Reader	Mifare ISO/IEC 14443A/B			
	Start Mode	RFID card/ App/ Plug&Play			
Communication	WiFi	Yes			
	Ethernet	Yes			
	3G/ 4G	Yes			
	OCCP	OCCP 1.6 Json (OCPP 2.0 upgradable)			

Electrical Parameter	Efficiency	Max 95%
	Power Factor	$\geq 0.99$ @50%-100% loading
	THD	$\leq \pm 5\%$ @100% loading
	Ripple Factor	$\leq \pm 1\%$
Safety	RCD	Type A
	Ingress Protection	IP54
	Impact Protection	IK07
	Electrical Protection	Over current protection, Residual current protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
	Certification	CE
	Certification Standard	EN IEC 61851-1:2019, IEC 61851-1:2017, EN 61851-23:2014, EN 61851-24:2014
	Warranty	24 months
Environment	Installation	Floor-stand
	Cooling Method	Air Cooling
	Noise	$\leq 55$ dB(A)
	Work Temperature	-40~+70°C
	Work Humidity	5%-95% (non-condensing)
	Work Altitude	<2000m (Derating above 2000m)
Package	Product Dimension	700*650*1900mm (W*D*H)
	Net Weight	280-400 kgs
	External Package	Wood case

## ODM Project Cases



990kW EU Standard Case



3200kW USA Case By UL



Tesla Superfast  
Charging Station Case

# ODM Project Cases



Huawei Harmony Case



Aion Super Fast Charging Station Case



XPENG Case



XiaoJu Case

## OEM Project Cases



SANY Heavy Truck Case



XCMG Heavy Truck Charging Case



Hankook Heavy Truck Case



Hilton Hotel Parking Lot



Vacation hotel Charging Station

## OEM Project Cases



Bus Charging Station Case



Rail Car Charging Station Case



China Tobacco Logistics Charging Station



JD Logistics Charging Station



Taxi Charging Station Case



Parking Lots Project



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**Version:** 2023 Rev.04

