



ANENGJI(CHENGDU)NEW ENERGY CO.,LTD



## EV CHARGING STATIONS





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### DC CHARGING SERIES

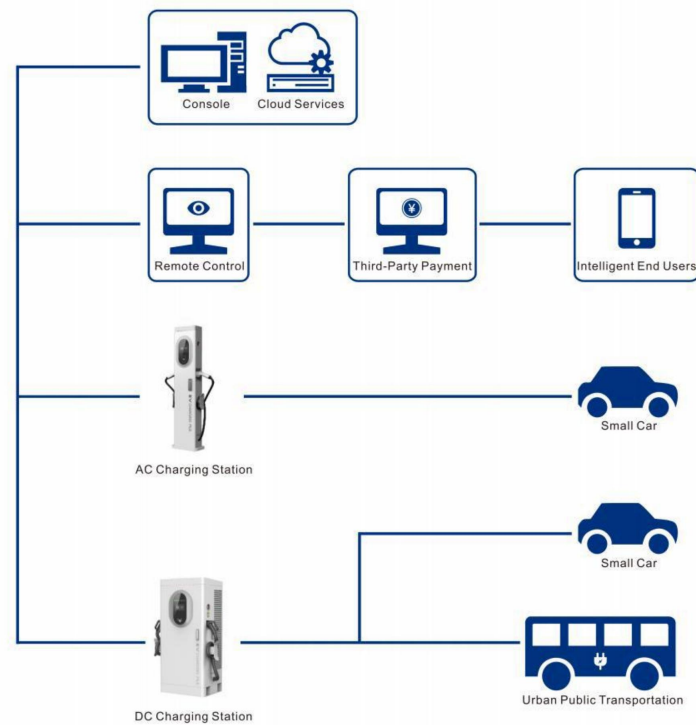
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## GREEN INTELLIGENT CHARGING SOLUTION

With leading industry core technologies, intelligent energy optimization management strategies, and rich experience in renewable energy applications, high coverage the cloud platform network and convenient payment methods allow green and intelligent travel with you all the way.





## PRODUCT MODEL CODING RULES



Due to the wide variety and models of charging piles produced by the company, We now provide numbering definitions (customized specifications and models) for different charging stations for better management.

### AC CODING RULES

AF-AC-00-B-A-Z-1-SC-(P)

- P: With screen (Or without screen)
- Model: SA/SC/SD/SE/SF/SJ/SH/JS/JZ
- 1: Switch 2: Swipe card 3: Online: Operation version  
4: 4G module 5: Offline operation version 6: Scanning operation
- Z: Chinese standard O: European standard M: American standard  
R: Japanese standard Z/O: One national standard and one European standard
- A: Single gun B: Dual guns
- B: Wall-Mounted L: Floor-Standed Y: Integrated X: Portable
- 07: 7kW, 11: 11kW, 14: 14kW, 22: 22kW, 44: 44kW
- Alternating Current
- Corporate Name

## PRODUCT MODEL CODING RULES

### DC CODING RULES

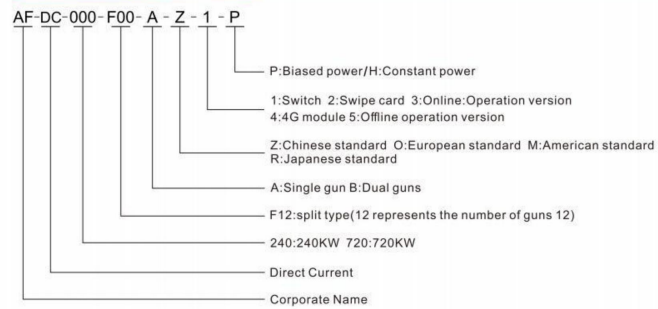


### AC/DC CODING RULES

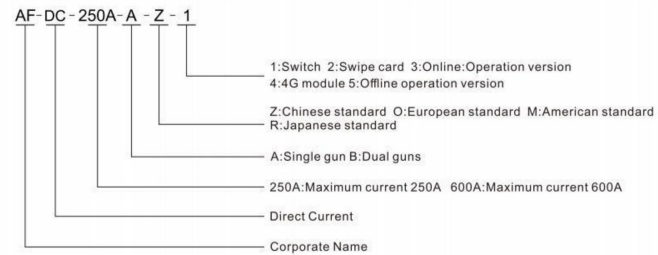


## PRODUCT MODEL CODING RULES

### SPLIT DC CODING RULES



### SPLIT TERMINAL CODING RULES





## AC CHARGING SERIES





## 3.5/7kW

### Portable AC Charging Station

- Housing material: Thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plated on the surface
- Working environment temperature: -20°C~+50°C
- Rated working current: 16A/32A
- Working voltage: 250V
- Insulation resistance: >1000MΩ(DC500V)



J1772 (Type 1)



IEC62196 (Type 2)



GB/T 20234

#### Product Parameter

Product Name	Portable AC Charging Box (Plastic Type)	
Model	AF-AC-3.5kW	AF-AC-7kW
Overall dimensions (mm)	/	
Human-computer interaction	LED indicator strip	
AC power supply	220Vac±20%;50±10Hz	
Rated input and output current	16A	32A
Rated output power	3.5kW	7kW
Working enviroment	Altitude:≤2000m; Temperature: -20°C~+50°C	
Charging method	Plug and charge	
Networking methods	/	
Operation mode	/	
Executive standard	IEC 62752:2016	
Charging cable length	Standard 5 meters(optional)	
Protection grade	IC-CPD IP67, Vehicle Connector IP54	
Protection function	Overvoltage protection, undervoltage protection, overload protection, grounding protection, overcurrent protection, leakage protection, over temperature protection	



## 3.5/7kW

### Wall-Mounted AC Charging Station

- Housing material: Thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plated on the surface
- Working environment temperature: -20°C~+50°C
- Rated working current: 16A/32A
- Working voltage: 250V
- Insulation resistance: >1000MΩ(DC500V)



J1772 (Type 1)



IEC62196 (Type 2)



GB/T 20234

#### Product Parameter

Product Name	AC Charging Box (Plastic Type)	
Model	AF-AC-3.5-B-A-O-1-SA	AF-AC-07-B-A-O-1-SA
Overall dimensions (mm)	150*150*65 mm	
Human-computer interaction	LED indicator strip	
AC power supply	220Vac±20%;50±10Hz	
Rated input and output current	16A	32A
Rated output power	3.5kW	7kW
Working environment	Altitude: ≤2000m; Temperature: -20°C~+50°C	
Charging method	Plug and charge	
Networking methods	/	
Operation mode	/	
Executive standard	IEC 61851-1:2017; IEC 62196-2:2016	
Charging cable length	Standard 5 meters(optional)	
Protection grade	IP54	
Protection function	Overvoltage protection, undervoltage protection, overload protection, grounding protection, overcurrent protection, leakage protection, over temperature protection	





## 7kW AC Charging Box

- Housing material: Thermoplastic, flame retardant grade UL94 V-0
- Terminal: Copper alloy, silver plated on the surface
- Working environment temperature: -20°C~+50°C
- Rated working current: 32A
- Working voltage: 250V
- Insulation resistance: >1000MΩ(DC500V)



J1772(Type1)



IEC62196(Type2)



GB/T 20234

### Product Parameter

Product Name	7KW Electric Vehicle AC Charging Box (Plastic Type)
Model	AF-AC-07-B-A-O-1-SE
Overall dimensions (mm)	180*130*120 mm
Human-computer interaction	/
AC power supply	220Vac±20%;50±10Hz
Rated input and output current	32A
Rated output power	7kW
Working enviroment	Altitude:≤2000m; Temperature: -20°C~+50°C
Charging method	Plug and charge
Networking methods	/
Operation mode	/
Executive standard	IEC 61851-1:2017;IEC 62196-2:2016
Charging cable length	/
Protection grade	IP54
Protection function	Overvoltage protection, undervoltage protection, overload protection, grounding protection, overcurrent protection, leakage protection, over temperature protection





## 7kW

### Wall-Mounted/Floor-Standing AC Charging Station

The AC charging station provides AC power with AC 50/60Hz and rated voltage  $220V \pm 20\%$ . Charging electric vehicles with on-board chargers is mainly suitable for the following places:

- Large, medium and small electric vehicle charging stations;
- All kinds of electric vehicle parking spaces public places, such as urban residential quarters, shopping plazas, power business places, etc.;
- High-speed service areas, stations, docks and other transportation hub areas;
- Real estate and engineering construction acceptance needs.



J1772 (Type 1)



IEC62196 (Type 2)



GB/T 20234

#### Product Parameter

Product Name	AC Charging Box (Plastic Type)
Model	AF-AC-07-L-A-1-SF
Overall dimensions (mm)	304*191*95mm
Human-computer interaction	LED indicator strip
AC power supply	220Vac $\pm 20\%$ ; 50 $\pm 10$ Hz
Rated input and output current	32A
Rated output power	7kW
Working environment	Altitude: $\leq 2000m$ ; Temperature: $-20^{\circ}C \sim +50^{\circ}C$
Charging method	Plug and charge
Networking methods	Bluetooth/WIFI/APP
Operation mode	/
Executive standard	IEC 61851-1:2017; IEC 62196-2:2016
Charging cable length	Standard 5 meters (optional)
Protection grade	IP54
Protection function	Overvoltage protection, undervoltage protection, overload protection, grounding protection, overcurrent protection, leakage protection, over temperature protection



## 7/11/22kW

### Wall-Mounted/Floor-Standed AC Charging Station

The AC charging station provides AC power with AC 50/60Hz and rated voltage  $220V \pm 20\%$ . Charging electric vehicles with on-board chargers is mainly suitable for the following places:

- Large, medium and small electric vehicle charging stations;
- All kinds of electric vehicle parking spaces public places, such as urban residential quarters, shopping plazas, power business places, etc.;
- High-speed service areas, stations, docks and other transportation hub areas;
- Real estate and engineering construction acceptance needs.



J1772(Type1)



IEC62196(Type2)



GB/T 20234

#### Product Parameter

Product Name	AC Charger Station(Plastic Type)		
Model	AF-AC-07-B-A-O-1/2/3/4/5-RZ-P	AF-AC-11-B-A-O-1/2/3/4/5-RZ-P	AF-AC-22-B-A-O-1/2/3/4/5-RZ-P
Overall dimensions (mm)	400*280*120mm		
Human-computer interaction	LED indicator strip/4.3 inch screen		
AC power supply	AC220V $\pm 15\%$	AC380V $\pm 15\%$	AC380V $\pm 15\%$
Rated input and output current	32A	16A	32A
Rated output power	7kW	11kW	22kW
Working enviroment	Altitude: $\leq 2000m$ ; Temperature: $-20^{\circ}C \sim +50^{\circ}C$		
Communication protocol	OCPP 1.6J		
Charging method	Swipe card, scan code		
Networking methods	Ethernet/4G/WIFI		
Operation mode	/		
Executive standard	IEC 61851-1:2017;IEC 62196-2:2016		
Charging cable length	Standard 5 meters(optional)		
Protection grade	IP54		
Protection function	Overvoltage protection, undervoltage protection, overload protection, grounding protection, overcurrent protection, leakage protection, over temperature protection		



## 7kW

### Wall-Mounted/Floor-Standing AC Charging Station

The AC charging station provides AC power with AC 50/60Hz and rated voltage  $220V \pm 20\%$ . Charging electric vehicles with on-board chargers is mainly suitable for the following places:

- Large, medium and small electric vehicle charging stations;
- All kinds of electric vehicle parking spaces public places, such as urban residential quarters, shopping plazas, power business places, etc.;
- High-speed service areas, stations, docks and other transportation hub areas;
- Real estate and engineering construction acceptance needs.



J1772 (Type 1)



IEC62196 (Type 2)



GB/T 20234

#### Product Parameter

Product Name	AC Charging Station(Metal Type)		
Model	AF-AC-07-L-A-O-3/4/5/6-JS-P	AF-AC-07-L-A-O-1-JS-P	AF-AC-07-L-A-O-2-JS-P
Overall dimensions (mm)	300*120*450mm		
Human-computer interaction	4.3 Inch bright color touch screen, LED indicator strip		
AC power supply	220Vac $\pm 20\%$ ;50 $\pm 10$ Hz		
Rated input and output current	32A		
Rated output power	7kW		
Working enviroment	Altitude: $\leq 2000$ m; Temperature: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$		
Communication protocol	OCPP 1.6J		
Charging method	Swipe card, scan code	Plug and charge	Swipe card
Networking methods	Ethernet, 4G		
Operation mode	/		
Charging interface	IEC 61851-1:2017;IEC 62196-2:2016		
Charging cable length	Standard 5 meters(optional)		
Protection grade	IP54		
Protection function	Overvoltage protection, undervoltage protection, overload protection, short circuit protection, grounding protection, over temperature protection, communication abnormality protection, emergency stop protection, and leakage protection		



## 11/22kW

### Wall-Mounted/Floor-Standing AC Charging Station

The AC charging station provides AC power with AC 50/60Hz and rated voltage  $380V \pm 20\%$ . Charging electric vehicles with on-board chargers is mainly suitable for the following places:

- Large, medium and small electric vehicle charging stations;
- All kinds of electric vehicle parking spaces public places, such as urban residential quarters, shopping plazas, power business places, etc.;
- High-speed service areas, stations, docks and other transportation hub areas;
- Real estate and engineering construction acceptance needs.



J1772 (Type 1)



IEC62196 (Type 2)



GB/T 20234

#### Product Parameter

Product Name	AC Charging Station (Metal Type)	
Model	AF-AC-11-L-A-O-1/2/3/4/5/6-JS-P	AF-AC-22-L-A-O-1/2/3/4/5/6-JS-P
Overall dimensions (mm)	500*350*130mm	
Human-computer interaction	4.3 Inch touch screen, LED indicator strip	
AC power supply	380Vac $\pm 20\%$ ; 50 $\pm 10$ Hz	
Rated input and output current	16A	32A
Rated output power	11kW	22kW
Working environment	Altitude: $\leq 2000$ m; Temperature: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$	
Communication protocol	OCPP 1.6J	
Charging method	Swipe card, scan code	
Networking methods	Ethernet, 4G	
Operation mode	/	
Charging interface	IEC 61851-1:2017; IEC 62196-2:2016	
Charging cable length	Standard 5 meters (optional)	
Protection grade	IP54	
Protection function	Overvoltage protection, undervoltage protection, overload protection, short circuit protection, grounding protection, over temperature protection, communication abnormality protection, emergency stop protection, and leakage protection	



## 22/44kW

### Wall-Mounted/Floor-Standing AC Charging Station

The AC charging station provides AC power with AC 50/60Hz and rated voltage  $380V \pm 20\%$ . Charging electric vehicles with on-board chargers is mainly suitable for the following places:

- Large, medium and small electric vehicle charging stations;
- All kinds of electric vehicle parking spaces public places, such as urban residential quarters, shopping plazas, power business places, etc.;
- High-speed service areas, stations, docks and other transportation hub areas;
- Real estate and engineering construction acceptance needs.



J1772(Type1)



IEC62196(Type2)



GB/T 20234

#### Product Parameter

Product Name	AC Charger Station(Metal Type)	
Model	AF-AC-22-L-B-O-2/6-JS-P	AF-AC-44-L-B-O-2/6-JS-P
Overall dimensions (mm)	550*430*130 mm	550*430*160 mm
Human-computer interaction	4.3 Inch touch screen, LED indicator strip	
AC power supply	380Vac $\pm 20\%$ ;50 $\pm 10$ Hz	
Rated input and output current	16A+16A	32A+32A
Rated output power	22kW	44kW
Working enviroment	Altitude: $\leq 2000$ m; Temperature: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$	
Communication protocol	OCPP 1.6J	
Charging method	Swipe card, scan code	
Networking methods	Ethernet, 4G	
Operation mode	/	
Charging interface	IEC 61851-1:2017;IEC 62196-2:2016	
Charging cable length	Standard 5 meters(optional)	
Protection grade	IP54	
Protection function	Overvoltage protection, undervoltage protection, overload protection, grounding protection, overcurrent protection, emergency stop protection, leakage protection, over temperature protection	



## 22/44kW Integrated AC Charging Station

The AC charging station provides AC power with AC 50/60Hz and rated voltage  $220V \pm 20\%$ . Charging electric vehicles with on-board chargers is mainly suitable for the following places:

- Large, medium and small electric vehicle charging stations;
- All kinds of electric vehicle parking spaces public places, such as urban residential quarters, shopping plazas, power business places, etc.;
- High-speed service areas, stations, docks and other transportation hub areas;
- Real estate and engineering construction acceptance needs.



J1772(Type1)



IEC62196(Type2)



GB/T 20234

### Product Parameter

Product Name	AC Charger Station	
Model	AF-AC-22-Y-B-O-2/6-JS-P	AF-AC-44-Y-B-O-2/6-JS-P
Overall dimensions (mm)	300*150*1400mm	
Human-computer interaction	4.3-inch high-brightness color touch screen, LED indicator strip	
AC power supply	220Vac $\pm 20\%$ ; 50 $\pm 10$ Hz	
Rated input and output current	16A+16A	32A+32A
Rated output power	22kW	44kW
Working enviroment	Altitude: $\leq 2000$ m; Temperature: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$	
Charging method	Swipe card, scan code	
Communication protocol	OCPP 1.6J	
Networking methods	Ethernet, 4G, WIFI	
Operation mode	/	
Charging interface	IEC 61851-1:2017; IEC 62196-2:2016	
Charging cable length	Standard 5 meters(optional)	
Protection grade	IP54	
Protection function	Overvoltage protection, undervoltage protection, overload protection, grounding protection, overcurrent protection, emergency stop protection, leakage protection, over temperature protection	



## 22/44kW Integrated AC Charging Station

The AC charging station provides AC power with AC 50/60Hz and rated voltage  $380V \pm 20\%$ . Charging electric vehicles with on-board chargers is mainly suitable for the following places:

- Large, medium and small electric vehicle charging stations;
- All kinds of electric vehicle parking spaces public places, such as urban residential quarters, shopping plazas, power business places, etc.;
- High-speed service areas, stations, docks and other transportation hub areas;
- Real estate and engineering construction acceptance needs.



J1772 (Type 1)



IEC62196 (Type 2)



GB/T 20234

### Product Parameter

Product Name	AC Charger Station	
Model	AF-AC-22-Y-B-O-2/6-JS-P	AF-AC-44-Y-B-O-2/6-JS-P
Overall dimensions (mm)	300*150*1400mm	
Human-computer interaction	4.3-inch high-brightness color touch screen, LED indicator strip	
AC power supply	380Vac $\pm 20\%$ ; 50 $\pm 10$ Hz	
Rated input and output current	16A+16A	32A+32A
Rated output power	22kW	44kW
Working enviroment	Altitude: $\leq 2000m$ ; Temperature: $-20^{\circ}C \sim +50^{\circ}C$	
Charging method	Swipe card, scan code	
Communication protocol	OCPP 1.6J	
Networking methods	Ethernet, 4G, WIFI	
Operation mode	/	
Charging interface	IEC 61851-1:2017; IEC 62196-2:2016	
Charging cable length	Standard 5 meters(optional)	
Protection grade	IP54	
Protection function	Overvoltage protection, undervoltage protection, overload protection, grounding protection, overcurrent protection, emergency stop protection, leakage protection, over temperature protection	



## 14kW Integrated AC Charging Station

The AC charging station provides AC power with AC 50/60Hz and rated voltage  $220V \pm 20\%$ . Charging electric vehicles with on-board chargers is mainly suitable for the following places:

- Large, medium and small electric vehicle charging stations;
- All kinds of electric vehicle parking spaces public places, such as urban residential quarters, shopping plazas, power business places, etc.;
- High-speed service areas, stations, docks and other transportation hub areas;
- Real estate and engineering construction acceptance needs.



J1772(Type1)



IEC62196(Type2)



GB/T 20234

### Product Parameter

Product Name	AC Charger Station
Model	AF-AC-14-Y-B-0-3-JZ-P
Overall dimensions (mm)	410*240*1400mm
human-computer interaction	4.3-inch bright color touch screen, LED indicator strip
AC power supply	400Vac $\pm 20\%$ ; 50 $\pm 10$ Hz
Rated input and output current	32A+32A
Rated output power	14kW
Working enviroment	Altitude: $\leq 2000$ m; Temperature: $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$
Charging method	Swipe card, scan code
Networking methods	Ethernet, 4G, WIFI
Operation mode	/
Charging interface	IEC 61851-1:2017; IEC 62196-2:2016
Charging cable length	Standard 5 meters(optional)
Protection grade	IP54
Protection function	Charging gun temperature detection, over voltage protection, under voltage protection, overload protection, short circuit protection, over temperature protection, low temperature protection, lightning protection, emergency stop protection, leakage protection





## DC CHARGING SERIES

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## 7/15/20/30KW

### Portable DC Charging Station

Portable DC charging piles for private use(private cars, logistics vehicles,trucks,etc.) operating companies and car rentals. Delivery in the yard;especially suitable for rapid deployment with limited space.



CCS1



CHAdeMO



CCS2



GB/T

#### Product Parameter

Product Name	Portable DC Charging Station			
Model	AF-DC-7KW	AF-DC-15KW	AF-DC-20KW	AF-DC-30KW
User Interface	LED digital tube			
The output voltage	220V-450V	200V-700V	50V-550V	200V-750V
Power factor	≥0.99 (above 50% load)			
HMI	LED indicator			
Working enviroment	Altitude: ≤3000m;Temperature:-20℃~+50℃;			Altitude:≤2000m
Charging method	Plug and charge			
Networking method	/			
Input frequency	45-65Hz			50-60Hz
Protective function	Overvoltage, undervoltage, overcurrents, short circuit, surge, leakage, etc.			
Charging port	IEC 62196			
Cable length	Standard 5 meters(optional)			
Protection level	IP54			IP43
Charging cable length	Standard 5 meters(optional)			



## 20/30/40kW

### Wall-mounted / Floor-standing DC Charging Station

The integrated DC charging station is suitable for urban public charging stations (buses, taxis, official vehicles, sanitation vehicles, logistics vehicles, etc.) urban public charging power stations (private cars, commuter cars, buses) kinds of parking lots, shopping malls, power business places, etc.; inter-city highways road charging stations and other occasions where DC fast charging is required, especially suitable for fast deployment in limited space.



CCS1



CHAdeMO



CCS2



GB/T

#### Product Parameter

Product Name	Rated Power		
Model	AF-DC-020-B-A-O-2-H	AF-DC-030-B-A-O-2-H	AF-DC-040-B-A-O-2-H
Rated power	20kW	30kW	40kW
Installation method	Wall-mounted		
Feeding method	Bottom in and out		
Equipment size	410*216*620mm		450*660*230mm
Input voltage	AC380V±15%		
Input frequency	50±10Hz		
Output voltage	200-(750)1000VDC		
Output current	0-67A	0-100A	0-133A
Charging cable length	5m		
Accuracy	Level 1.0		
Efficiency	≥95%		
Human-computer interaction	4.3 inch bright color touch screen		
Charge mode	Automatic charging/fixed power/fixed amount/fixed time		
Charging method	Swipe card /Scan code /Password		
Networking methods	Ethernet/4G		
Executive standards	IEC 61851-1:2017;IEC 62196-2:2016		
Working environment	Altitude: ≤2000m;Temperature:-20℃~+50℃;		
Protection level	IP54		
Noise	Forced air cooling		
MTBF	17520h		



## 30/40KW Integrated DC Charging Station

The integrated DC charging station is suitable for urban public charging stations (buses, taxis, official vehicles, sanitation vehicles, logistics vehicles, etc.), urban public charging power stations (private cars, commuter cars, buses) kinds of parking lots, shopping malls, power business places, etc.; inter-city highways road charging stations and other occasions where DC fast charging is required, especially suitable for fast deployment in limited space.



CCS1



CHAdeMO



CCS2



GB/T

### Product Parameter

Product Name	Rated Power	
Model	AF-DC-030-Y-B-O-3/4/5-H	AF-DC-040-Y-B-O-3/4/5-H
Rated power	30kW	40kW
Installation method	Vertical	
Feeding method	Bottom in and out	
Equipment size	1610 (including base) * 550 * 200mm	
Input voltage	AC380V±15%	
Input frequency	50±10Hz	
Output voltage	200-(750)1000VDC	
Output current	0-100A	0-133A
Charging cable length	5m	
Accuracy	Level 1.0	
Efficiency	≥95%	
Human-computer interaction	4.3 inch bright color touch screen	
Charge mode	Automatic charging/fixed power/fixed amount/fixed time	
Charging method	Swipe card /Scan code /Password	
Networking methods	Ethernet/4G	
Executive standards	IEC 61851-1:2017;IEC 62196-2:2016	
Working enviroment	Altitude: ≤2000m;Temperature:-20℃~+50℃;	
Protection level	IP54	
Noise	Forced air cooling	
MTBF	17520h	
Communication protocol	OCPP 1.6J	



## 60-240kW

### Integrated DC Charging Station

The integrated DC charging station is suitable for urban public charging stations (buses, taxis, official vehicles, sanitation vehicles, logistics vehicles, etc.) urban public charging power stations (private cars, commuter cars, buses) kinds of parking lots, shopping malls, power business places, etc.; inter-city highways road charging stations and other occasions where DC fast charging is required, especially suitable for fast deployment in limited space.



CCS1



CHAdeMO



CCS2



GB/T

#### Product Parameter

Product Name	Rated Power	
Model	AF-DC-060/080/120/160-Y-B-O-3/4/5-H	AF-DC-180/240-Y-B-O-3/4/5-H
Rated power	60/80/120/160kW	180/240kW
Installation method	Vertical	
Feeding method	Bottom in and out	
Equipment size	1620*750*560mm	1800*800*600mm
Input voltage	AC380V±15%	
Input frequency	50±10Hz	
Output voltage	200-(750)1000VDC	
Output current	0-200A	
Charging cable length	5m	
Accuracy	Level 1.0	
Efficiency	≥95%	
Human-computer interaction	7 inch bright color touch screen	
Charge mode	Automatic charging/fixed power/fixed amount/fixed time	
Charging method	Swipe card /Scan code /Password	
Networking methods	Ethernet/4G	
Executive standards	IEC 61851-1:2017;IEC 62196-2:2016	
Working enviroment	Altitude: ≤2000m;Temperature:-20℃~+50℃;	
Protection level	IP54	
Noise	Forced air cooling	
MTBF	17520h	
Communication protocol	OCPP 1.6J	



## 60/80/120/160kW

### Integrated DC Charging Station

The integrated DC charging station is suitable for urban public charging stations(buses, taxis, official vehicles, sanitation vehicles, logistics vehicles, etc.) urban public charging power stations (private cars, commuter cars, buses) kinds of parking lots, shopping malls, power business places, etc.; inter-city highways road charging stations and other occasions where DC fast charging is required, especially suitable for fast deployment in limited space.



CCS1



CHAdeMO



CCS2



GB/T

#### Product Parameter

Product Name	Rated Power	
Model	AF-DC-120-Y-B-O-3/4/5/6-H	AF-DC-160-Y-B-O-3/4/5/6-H
Rated power	120kW	160kW
Installation method	Vertical	
Feeding method	Bottom in and out	
Equipment size	1620*750*560mm	
Input voltage	AC380V±15%	
Input frequency	50±10Hz	
Output voltage	200-(750) 1000VDC	
Output current	0-200A	
Charging cable length	5m	
Accuracy	Level 1.0	
Efficiency	≥95%	
Human-computer interaction	7-inch bright color touch screen, LED Indicator	
Charge mode	Automatic charging/fixed power/fixed amount/fixed time	
Charging method	Swipe card /Scan code /Password	
Networking methods	Ethernet/4G	
Executive standards	IEC 61851-1:2017;IEC 62196-2:2016	
Working environment	Altitude: ≤2000m; Temperature: -20℃~+50℃;	
Protection level	IP54	
Noise	Forced air cooling	
MTBF	17520h	
Communication protocol	OCPP 1.6J	





## 142kW

### Integrated AC/DC Charging Station

The integrated DC charging station is suitable for urban public charging stations(buses, taxis, official vehicles, sanitation vehicles, logistics vehicles, etc.) urban public charging power stations (private cars, commuter cars, buses) kinds of parking lots, shopping malls, power business places, etc.; inter-city highways road charging stations and other occasions where DC fast charging is required, especially suitable for fast deployment in limited space.



CCS1



CHAdeMO



CCS2



GB/T

#### Product Parameter

Product Name	Rated Power
Model	AF-142-Y-C-000-2-H
Rated power	142kW
Installation method	Vertical
Feeding method	Bottom in and out
Equipment size	1735*705*570mm
Input voltage	AC380V±15%
Input frequency	50±10Hz
Output voltage	200-(750)1000VDC/380VAC
Output current	DC:0-200A/AC:32A
Charging cable length	5m
Accuracy	Level 1.0
Efficiency	≥94.5%
Human-computer interaction	7-inch bright color touch screen, LED Indicator
Charge mode	Automatic charging full / Fixed power / Fixed Amount / Fixed time
Charging method	Swipe Card / Scan code
Networking methods	Ethernet/4G
Executive standards	GB/T20234、GB/T18487、GB/T27930、NB/T33008、NB/T33002
Working environment	Altitude: ≤2000m; Temperature: -20℃~+50℃;
Protection level	IP54
Noise	Forced air cooling
MTBF	17520h





## 240-720kW Flexible Charging Stack

The integrated DC charging station is suitable for urban public charging stations(buses, taxis, official vehicles, sanitation vehicles, logistics vehicles, etc.) urban public charging power stations (private cars, commuter cars, buses) kinds of parking lots, shopping malls, power business places, etc.; inter-city highways road charging stations and other occasions where DC fast charging is required, especially suitable for fast deployment in limited space.



CCS1



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CCS2



GB/T

### Product Parameter

Product Name		Rated Power						
Model		AF-DC-240-F4	AF-DC-360-F6	AF-DC-480-F8	AF-DC-600-F10	AF-DC-720-F12	AF-DC-250A-A	AF-DC-250A-B
Rated power		Host style					Terminal	
		240kW	360kW	480kW	600kW	720kW	Single gun	Double gun
Output voltage		DC 200~( 750 ) 1000V						
Input current		0-480A	0-720A	0-960A	0-1200A	0-1440A	5-250A	
Output current		DC 750V	5-600A	5-900A	5-1200A	5-1500A		
		DC 1000V	5-800A	5-1200A	5-1600A	5-2000A	5-2400A	
Input voltage		AC 380V±15%						DC 50-750V/50-1000V
Input frequency		50±10Hz						
Feeding Method		Bottom in and out						
Equipment size		1000*800*2000mm			1300*1000*2200mm		400*240*1500mm	
Charging cable length		5m						
Accuracy		Level 1.0						
Efficiency		≥95%						
Human-computer interaction		LED Indicator			7-inch bright color touch screen			
Charge mode		Automatic charging/Fixed battery/Fixed amount						
Charging method		Scan code/VIN code/swipe card(limited)/password(for maintenance)						
Networking methods		/						Ethernet/4G
Protection level		IP54						
Working enviroment		Altitude: ≤2000m; Temperature: -20℃~+50℃;						

## AC Adapter Cables



Housing Material: Thermoplastic  
Flame retardant grade: UL94V-0  
Terminals: copper alloy, silver plated on the surface



J1772(Type1)



IEC62196(Type2)



GB/T 20234

### Product Parameter

Product Name	Mode3 charger
Rated Current	16/32A
Operation voltage	250V/480V
Insulation resistance	> 1000MΩ
Terminal temperature rise	<50K
Withstand voltage	2000V
Contact resistance	0.5mΩ Max
Working Temperature	-30°C~+50°C
Executive standards	IEC 62196-1-2016/IEC62196-2-2016
Mechanical life	No-load plug in/out>10000 times
Coupled insertion force	45N<F<100N

Rated current	Cable specification	Remarks
16A Single phase	3X2.5mm <sup>2</sup> +2X0.5mm <sup>2</sup>	shell color: white /black optional Cable color: black/orange optional
16A Three phase	5X2.5mm <sup>2</sup> +2X0.5mm <sup>2</sup>	
32A Single phase	3X6mm <sup>2</sup> +2X0.5mm <sup>2</sup>	
32A Three phase	5X6mm <sup>2</sup> +2X0.5mm <sup>2</sup>	



## AC Charge Connector

Housing Material: Thermoplastic  
Flame retardant grade: UL94V-0  
Terminals: copper alloy, silver plated on the surface



J1772 (Type1)



IEC62196 (Type2)



GB/T 20234

### Product Parameter

Product Name	AC Charge Connector
Rated Current	16/32A
Rated Voltage	220V-380V
Number Of Power Pins	5 ( PE, L1, L2, L3, N )
Number Of Signal Contacts	<50K
Signal Contact Temperature Rise	≤80N
Plug Cycle	>10000 Times
Working Temperature	-30°C~+50°C
Impact resistance	Can withstand a drop of 1 meter and being crushed by a 2-ton vehicle
Insulation Resistance	>1000MΩ
Protection Level	IP67 ( Plug-in, protective cover )
Pin	Aluminum alloy, surface silver plated + top insulation
Shell material	Thermoplastic, flame retardant grade UL94 V-0
shell color	White

Rated current	Cable specification	Remarks
16A Single phase	3X2.5mm <sup>2</sup> +1X0.75mm <sup>2</sup> TPE, φ 13.5	shell color: white /black optional Cable color: black/orange optional
16A Single phase	5X2.5mm <sup>2</sup> +1X0.75mm <sup>2</sup> TPE, φ 15.5	
32A Single phase	3X6mm <sup>2</sup> +1X0.75mm <sup>2</sup> TPE, φ 16.3	
32A Single phase	3X6mm <sup>2</sup> +1X0.75mm <sup>2</sup> TPE, φ 16.3	



## DC Charge Connector

Housing Material: Thermoplastic  
Flame retardant grade: UL94V-0  
Terminals: copper alloy, silver plated on the surface



CCS1



CHAdeMO



CCS2



GB/T

### Product Parameter

Product Name	DC Charge Connector
Rated Current	80A/125A/200A/250A
Rated Voltage	400/750VDC
Contact Resistance	0.5mΩ Max
Pressure Resistant	3200V
Number Of Signal Contacts	<50K
Signal Contact Temperature Rise	70N < F < 140N
Mechanical Life	No-load plugging and unplugging >1000 times
Working Temperature	-30°C~+50°C
Impact resistance	Can withstand a drop of 1 meter and being crushed by a 2-ton vehicle
Insulation Resistance	>2000MΩ
Protection Level	Ip67
Pin	Aluminum alloy, surface silver plated + top insulation
Shell material	Thermoplastic, flame retardant grade UL94 V-0

Rated current	Cable specification	Remarks
63A/80A	2X16mm <sup>2</sup> +16mm <sup>2</sup> +3X2X0.75mm <sup>2</sup> TPU, φ 26/TPE, φ 32	shell color: white Cable color: black
125A Single phase	2X35mm <sup>2</sup> +25mm <sup>2</sup> +3X2X0.75mm <sup>2</sup> TPU, φ 31.5/TPE, φ 34	
160A Single phase	2X50mm <sup>2</sup> +25mm <sup>2</sup> +3X2X0.75mm <sup>2</sup> TPU, φ 34.5/TPE, φ 37	
200A Single phase	2X70mm <sup>2</sup> +25mm <sup>2</sup> +3X2X0.75mm <sup>2</sup> TPU, φ 37/TPE, φ 40	

## PARTNER

New Energy has established a good relationship with many well-known companies in the industry. Through strong alliances and complementary advantages, the company makes full use of upstream supplier resources to provide customers with competitive solutions, products and services.



国家电网  
STATE GRID



中国南方电网  
CHINA SOUTHERN POWER GRID



CHINA TOWER  
中国铁塔



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CHINA TELECOM



中国移动通信  
CHINA MOBILE



中国节能  
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