

# DC CHARGING SERIES

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## 2024





# 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 $\pm$ 15%	
Input frequency	50 $\pm$ 10Hz	
Output voltage	200- (750) 1000VDC	
Output current	0-100A	0-133A
Charging cable length	5m	
Accuracy	Level 1.0	
Efficiency	$\geq$ 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: $\leq$ 2000m; Temperature: -20 $^{\circ}$ C~+50 $^{\circ}$ C;	
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



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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 environment	Altitude: ≤2000m;Temperature:-20°C~+50°C;	
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 $\pm$ 15%	
Input frequency	50 $\pm$ 10Hz	
Output voltage	200- (750) 1000VDC	
Output current	0-200A	
Charging cable length	5m	
Accuracy	Level 1.0	
Efficiency	$\geq$ 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: $\leq$ 2000m; Temperature: -20 $^{\circ}$ C $\sim$ +50 $^{\circ}$ C;	
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



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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 $\pm$ 15%
Input frequency	50 $\pm$ 10Hz
Output voltage	200- (750) 1000VDC/380VAC
Output current	DC:0-200A/AC:32A
Charging cable length	5m
Accuracy	Level 1.0
Efficiency	$\geq$ 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: $\leq$ 2000m; Temperature: -20 $^{\circ}$ C~+50 $^{\circ}$ C;
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	5-1800A		
	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℃;						





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