4 Guns DC
EV Charging Station

120kW-480kW



Datasheet

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4 Guns DC
EV Charging Station

Product Overview

The DC EV Charging Station boasts two remarkable 7-inch touch screens for effortless control. It offers powerful comprehensive protection features. With convenient app control and Ethernet/4G/WiFi connectivity, you can charge your EV with confidence and efficiency.



Product Advantages

- IP55 Rating
- Ethernet/4G/WiFi
- Full Protection
- OCPP 1.6J
- 7-inch Touch Screens
- RFID
- APP Control

Model Selection

DC EV Charging Station	DC120-F	DC150-F	DC160-F
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	800*900*1900(L*W*H mm)		
Packing Dimension	1050*1250*2160(L*W*H mm)		
Weight	≤380kG	≤395kG	≤400kG
Installation Method	Floor-stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization	RFID, App		
Screen	2*(7 Inch LCD Screen/LED Light)		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	204A	228A	244A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	120kW	150kW	160kW
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/CCS2/NACS/GBT:0~250A;CHADEMO:0~125A		
Efficiency	≥95%		
Power Factor	≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021
Communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m
Environment Condition	
Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection

Model Selection

DC EV Charging Station	DC180-F	DC200-F	DC210-F
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	800*900*1900(L*W*H mm)		
Packing Dimension	1050*1250*2160(L*W*H mm)		
Weight	≤415kG	≤430kG	≤435kG
Installation Method	Floor-stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization	RFID, App		
Screen	2*(7 Inch LCD Screen/LED Light)		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	274A	304A	320A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	180kW	200kW	210kW
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/CCS2/NACS/GBT:0~250A;CHADEMO:0~125A		
Efficiency	≥95%		
Power Factor	≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021
Communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m
Environment Condition	
Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection

Model Selection

DC EV Charging Station	DC240-F	DC270-F	DC280-F
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	800*900*1900(L*W*H mm)		
Packing Dimension	1050*1250*2160(L*W*H mm)		
Weight	≤450kG	≤465kG	≤470kG
Installation Method	Floor-stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization	RFID, App		
Screen	2*(7 Inch LCD Screen/LED Light)		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	365A	411A	426A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	240kW	270kW	280kW
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/CCS2/NACS/GBT:0~250A;CHADEMO:0~125A		
Efficiency	≥95%		
Power Factor	≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021
Communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m
Environment Condition	
Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection

Model Selection

DC EV Charging Station	DC300-F	DC320-F	DC330-F
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	800*900*1900(L*W*H mm)		
Packing Dimension	1050*1250*2160(L*W*H mm)		
Weight	≤485kG	≤500kG	≤505kG
Installation Method	Floor-stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization	RFID, App		
Screen	2*(7 Inch LCD Screen/LED Light)		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	456A	587A	502A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	300kW	320kW	330kW
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/CCS2/NACS/GBT:0~250A;CHADEMO:0~125A		
Efficiency	≥95%		
Power Factor	≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021
Communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m
Environment Condition	
Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection

Model Selection

DC EV Charging Station	DC360-F	DC400-F	DC440-F
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	800*900*1900(L*W*H mm)		
Packing Dimension	1050*1250*2160(L*W*H mm)		
Weight	≤520kG	≤535kG	≤550kG
Installation Method	Floor-stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization	RFID, App		
Screen	2*(7 Inch LCD Screen/LED Light)		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	547A	608A	669A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	360kW	400kW	440kW
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/CCS2/NACS/GBT:0~250A;CHADEMO:0~125A		
Efficiency	≥95%		
Power Factor	≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021
Communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m
Environment Condition	
Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection

Model Selection

DC EV Charging Station	DC480-F



Structure Description	
Shell Material	Galvanized Sheet
Dimension	800*900*1900(L*W*H mm)
Packing Dimension	1050*1250*2160(L*W*H mm)
Weight	≤565kG
Installation Method	Floor-stand Type
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring
Total length of gun cable	5 m
Charging Outlets	Quadruple(A+B+C+D) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS) (D:CCS1/CCS2/GBT/CHADEMO/NACS)
Connectivity Authorization	RFID, App
Screen	2*(7 Inch LCD Screen/LED Light)
Electrical Specification	
AC Input Voltage	AC380V-415V, 3P+N+PE
Rated Input Current	730A
Input Frequency	50Hz/60Hz
Consumption	≤24W
Rated Power	480kW
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc
Output Current	CCS1/CCS2/NACS/GBT:0~250A;CHADEMO:0~125A
Efficiency	≥95%
Power Factor	≥0.99(load:100%)

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017, EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021
Communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m
Environment Condition	
Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection