ATLANTIC POWER energy

ATP 2 GUNS DC

120kW-360kW

Datasheet

Product Overview

The 2-Gun DC EV Charging Station with liquid cooling delivers a powerful output ranging from 120kW to 360kW. Featuring a 21-inch touchscreen, OCPP 1.6J compliance, and an IP55 rating, it provides an intuitive user experience while ensuring protection against environmental conditions. With RFID authentication, app control, Ethernet, 4G, and WiFi connectivity, along with comprehensive safety protections and a 500A capacity, it offers a reliable and complete solution for high-performance EV charging.

Product Advantages

- OCPP 1.6J
- IP55 Rating
- Ethernet/4G/WiFi
- Full Pr otection
- Cable management
- 500A
- 21-inch Touch Screen
- RFID
- APP Control

Model Selection

DC EV Charging Station	BLDC120-D	BLDC160-D	BLDC200-D
			
Structure Description			
Shell Material	Sheet Metal		
Dimension	800*800*1920(L*W*H mm)		
Packing Dimension	1000*1050*2165(L*W*H mm)		
Weight	≤380kG	≤400kG	≤420kG
Installation Method	Floor-stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Double(CCS2+CCS2)		
Connectivity Authorization	RFID, App		
Screen	21 Inch LCD Screen(OR 7,12.1 Inch LCD Screen)/LED Light		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	203A	272A	338A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	120kW	160kW	200kW
Output Voltage Range	CCS2: 150Vdc ~1000Vdc		
Output Current	CCS2:0~500A (liquid cooling)		
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 Tansmit 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(Charging Cable:Cooling with coolant)
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	BLDC240-D	BLDC280-D	BLDC320-D
			
Structure Description			
Shell Material	Sheet Metal		
Dimension	800*800*1920(L*W*H mm)		
Packing Dimension	1000*1050*2165(L*W*H mm)		
Weight	≤440kG	≤460kG	≤480kG
Installation Method	Floor-stand Type		
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable	5 m		
Charging Outlets	Double(CCS2+CCS2)		
Connectivity Authorization	RFID, App		
Screen	21 Inch LCD Screen(OR 7,12.1 Inch LCD Screen)/LED Light		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	406A	473A	540A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	240kW	280kW	320kW
Output Voltage Range	CCS2: 150Vdc ~1000Vdc		
Output Current	CCS2:0~500A (liquid cooling)		
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(Charging Cable: Cooling with coolant)
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	BLDC360-D
	
Structure Description	
Shell Material	Sheet Metal
Dimension	800*800*1920(L*W*H mm)
Packing Dimension	1000*1050*2165(L*W*H mm)
Weight	≤500kG
Installation Method	Floor-stand Type
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring
Total length of gun cable	5 m
Charging Outlets	Double(CCS2+CCS2)
Connectivity Authorization	RFID, App
Screen	21 Inch LCD Screen(OR 7,12.1 Inch LCD Screen)/LED Light
Electrical Specification	
AC Input Voltage	AC380V-415V, 3P+N+PE
Rated Input Current	608A
Input Frequency	50Hz/60Hz
Consumption	≤24W
Rated Power	360kW
Output Voltage Range	CCS2: 150Vdc ~1000Vdc
Output Current	CCS2:0~500A (liquid cooling)
Efficiency	≥95%
Power Factor	≥0.99(load:100%)

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
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Network Interface	Ethernet/4G/WiFi
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