

Beny 2 Guns DC EV Charging Station (with liquid cooling)

120kW-360kW



Datasheet

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⚠️ If the models and specifications in this product catalogue change due to product updates, we will not provide prior notification.



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Product Overview

The EVB 2-Gun DC EV Charging Station, with liquid cooling, delivers a powerful 120kW to 360kW output. Featuring a 21-inch touch screen, OCPP 1.6J compliance, and IP55 rating, it ensures user-friendly operation and protection against environmental factors. With RFID authentication, APP control, Ethernet/4G/WiFi connectivity, and full protection measures, including a 500A capacity, it offers a comprehensive charging solution.



Product Advantages



OCPP 1.6J



IP55 Rating



Ethernet/4G/WiFi



Full Protection



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 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, Lightning 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, Lightning 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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