



Beny 2 Guns EV DC Charging station

120kW-480kW



Datasheet

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Product Overview

The EVB 2-Gun DC EV Charging Station, delivers a powerful 120kW to 480kW output. Featuring a 21-inch integrated advertising control touchscreen, 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, it offers a comprehensive charging solution.



Product Advantages



IP55 Rating



Ethernet/4G/WiFi



Full Protection



OCPP 1.6J



21-inch
Touch Screen



RFID



APP Control

Model Selection

DC EV Charging Station	BDCC120	BDCC160	BDCC200
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	850*850*2090(L*W*H mm)		
Packing Dimension	1100*1200*2285(L*W*H mm)		
Weight	≤321kG	≤341kG	≤361kG
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/LED Light)		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	203A	270A	338A
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	120kW	160kW	200kW
Output Voltage Range	CCS2: 200Vdc ~ 1000Vdc		
Output Current	CCS2: 15~500A		
Efficiency	≥95%		
Power Factor	≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	IEC 61851-21-2:2021, IEC 61000-6-2:2019, EN61000-6-4:2019, IEC 61851-1:2010, EN 61851-23:2014, EN 61851-24:2014, IEC 61851-23:2014, EN 61851-1:2011
communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE Band 1:1920-1980MHz (Uplink), 2110-2170MHz (Downlink)	RFID: 13.56MHz
LTE Band 3:1710-1785MHz (Uplink), 1805-1880MHz (Downlink)	TX: 1922.6-1977.4MHz (Band I)
LTE Band 7: 2500-2570MHz (Uplink), 2620-2690MHz (Downlink)	RX: 2112.6-2167.4MHz (Band I)
LTE Band 20: 832-862MHz (Uplink), 791-821MHz (Downlink)	TX: 882.6-912.4MHz (Band VIII)
LTE Band 28: 703-748 MHz (Uplink), Downlink: 758-803 MHz (Downlink)	
LTE Band 38: 2570-2620 MHz (Uplink), Downlink: 2570-2620 MHz (Downlink)	
LTE Band 40: 2300-2400 MHz (Uplink), Downlink: 2300-2400 MHz (Downlink)	
LTE Band 41: 2496-2690 MHz (Uplink), Downlink: 2496-2690 MHz (Downlink)	
LTE Band 8: 880-915MHz (Uplink), 925-960MHz (Downl)	RX: 927.6-957.4MHz (Band VIII)
Maximum output power	
Wi-Fi: 18.82dBm	LTE: ≤25dBm
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
Natural Cooling	Forced-air Cooling(Independent Duct)
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		BDCC240	BDCC280	BDCC320
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		850*850*2090(L*W*H mm)		
Packing Dimension		1100*1200*2285(L*W*H mm)		
Weight	≤381kG	≤402kG	≤422kG	
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/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current	405A	473A	540A	
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power	240kW	280kW	320kW	
Output Voltage Range		CCS2: 200Vdc ~ 1000Vdc		
Output Current		CCS2: 15~500A		
Efficiency		≥95%		
Power Factor		≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	IEC 61851-21-2:2021, IEC 61000-6-2:2019, EN61000-6-4:2019, IEC 61851-1:2010, EN 61851-23:2014, EN 61851-24:2014, IEC 61851-23:2014, EN 61851-1:2011
communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE Band 1:1920-1980MHz (Uplink), 2110-2170MHz (Downlink)	RFID: 13.56MHz
LTE Band 3:1710-1785MHz (Uplink), 1805-1880MHz (Downlink)	TX: 1922.6-1977.4MHz (Band I)
LTE Band 7: 2500-2570MHz (Uplink), 2620-2690MHz (Downlink)	RX: 2112.6-2167.4MHz (Band I)
LTE Band 20: 832-862MHz (Uplink), 791-821MHz (Downlink)	TX: 882.6-912.4MHz (Band VIII)
LTE Band 28: 703-748 MHz (Uplink), Downlink: 758-803 MHz (Downlink)	
LTE Band 38: 2570-2620 MHz (Uplink), Downlink: 2570-2620 MHz (Downlink)	
LTE Band 40: 2300-2400 MHz (Uplink), Downlink: 2300-2400 MHz (Downlink)	
LTE Band 41: 2496-2690 MHz (Uplink), Downlink: 2496-2690 MHz (Downlink)	
LTE Band 8: 880-915MHz (Uplink), 925-960MHz (Downl)	RX: 927.6-957.4MHz (Band VIII)
Maximum output power	
Wi-Fi: 18.82dBm	LTE: ≤25dBm
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
Natural Cooling	Forced-air Cooling(Independent Duct)
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		BDCC360	BDCC400	BDCC440
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		850*850*2090(L*W*H mm)		
Packing Dimension		1100*1200*2285(L*W*H mm)		
Weight	≤381kG	≤402kG	≤422kG	
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/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current	608A	675A	743A	
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power	360kW	400kW	440kW	
Output Voltage Range		CCS2: 150Vdc ~ 1000Vdc		
Output Current		CCS2: 15~500A		
Efficiency		≥95%		
Power Factor		≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	IEC 61851-21-2:2021, IEC 61000-6-2:2019, EN61000-6-4:2019, IEC 61851-1:2010, EN 61851-23:2014, EN 61851-24:2014, IEC 61851-23:2014, EN 61851-1:2011
communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE Band 1:1920-1980MHz (Uplink), 2110-2170MHz (Downlink)	RFID: 13.56MHz
LTE Band 3:1710-1785MHz (Uplink), 1805-1880MHz (Downlink)	TX: 1922.6-1977.4MHz (Band I)
LTE Band 7: 2500-2570MHz (Uplink), 2620-2690MHz (Downlink)	RX: 2112.6-2167.4MHz (Band I)
LTE Band 20: 832-862MHz (Uplink), 791-821MHz (Downlink)	TX: 882.6-912.4MHz (Band VIII)
LTE Band 28: 703-748 MHz (Uplink), Downlink: 758-803 MHz (Downlink)	
LTE Band 38: 2570-2620 MHz (Uplink), Downlink: 2570-2620 MHz (Downlink)	
LTE Band 40: 2300-2400 MHz (Uplink), Downlink: 2300-2400 MHz (Downlink)	
LTE Band 41: 2496-2690 MHz (Uplink), Downlink: 2496-2690 MHz (Downlink)	
LTE Band 8: 880-915MHz (Uplink), 925-960MHz (Downl)	RX: 927.6-957.4MHz (Band VIII)
Maximum output power	
Wi-Fi: 18.82dBm	LTE: ≤25dBm
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(Independent Duct)
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		BDCC480	
			
Structure Description			
Shell Material	Galvanized Sheet		
Dimension	850*850*2090(L*W*H mm)		
Packing Dimension	1100*1200*2285(L*W*H mm)		
Weight	≤442kG		
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/LED Light)		
Electrical Specification			
AC Input Voltage	AC380V-415V, 3P+N+PE		
Rated Input Current	810A		
Input Frequency	50Hz/60Hz		
Consumption	≤24W		
Rated Power	480kW		
Output Voltage Range	CCS2: 150Vdc ~ 1000Vdc		
Output Current	CCS2: 15~500A		
Efficiency	≥95%		
Power Factor	≥0.99(load:100%)		

Functionate Design	
User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	IEC 61851-21-2:2021, IEC 61000-6-2:2019, EN61000-6-4:2019, IEC 61851-1:2010, EN 61851-23:2014, EN 61851-24:2014, IEC 61851-23:2014, EN 61851-1:2011
communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE Band 1:1920-1980MHz (Uplink), 2110-2170MHz (Downlink)	RFID: 13.56MHz
LTE Band 3:1710-1785MHz (Uplink), 1805-1880MHz (Downlink)	TX: 1922.6-1977.4MHz (Band I)
LTE Band 7: 2500-2570MHz (Uplink), 2620-2690MHz (Downlink)	RX: 2112.6-2167.4MHz (Band I)
LTE Band 20: 832-862MHz (Uplink), 791-821MHz (Downlink)	TX: 882.6-912.4MHz (Band VIII)
LTE Band 28: 703-748 MHz (Uplink), Downlink: 758-803 MHz (Downlink)	
LTE Band 38: 2570-2620 MHz (Uplink), Downlink: 2570-2620 MHz (Downlink)	
LTE Band 40: 2300-2400 MHz (Uplink), Downlink: 2300-2400 MHz (Downlink)	
LTE Band 41: 2496-2690 MHz (Uplink), Downlink: 2496-2690 MHz (Downlink)	
LTE Band 8: 880-915MHz (Uplink), 925-960MHz (Downl)	RX: 927.6-957.4MHz (Band VIII)
Maximum output power	
Wi-Fi: 18.82dBm	LTE: ≤25dBm
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
Natural Cooling	Forced-air Cooling(Independent Duct)
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection