



Beny 2 Guns DC EV Small Charging Station

80kW/160kW



Datasheet

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BENY

Model Selection

DC EV Charging Station		BMDC80	
			
Structure Description			
Shell Material		Galvanized Sheet	
Dimension		700*520*1800(L*W*H mm)	
Packing Dimension		1050*820*2035(L*W*H mm)	
Weight		≤380kG	
Installation Method		Floor-stand Type	
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring	
Total length of gun cable		5 m	
Charging Outlets	Double(CCS1+CCS1)	Double (CCS2+CHADEMO)	Double (CCS1+NACS)
	Double (CCS1+CHADEMO)	Double(CHADEMO+GBT)	Double(CCS2+NACS)
	Double(CCS2+GBT)	Double(CCS1+CCS2)	Double(GBT+NACS)
	Double(CHADEMO+CHADEMO)	Double(CCS1+GBT)	Double(CHADEMO+NACS)
	Double(CCS2+CCS2)	Double(GBT+GBT)	Double(NACS+NACS)
Connectivity Authorization		RFID, App	
Screen		7 Inch LCD Screen/LED Light	
Electrical Specification			
AC Input Voltage		AC380V-415V,3P+N+PE	
Rated Input Current		135A	
Input Frequency		50Hz/60Hz	
Consumption		≤24W	
Rated Power		80kW	
Output Voltage Range		150Vdc –1000Vdc	
Output Current		0~250A	
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		BMDC160	
			
Structure Description			
Shell Material		Galvanized Sheet	
Dimension		700*520*1800(L*W*H mm)	
Packing Dimension		1050*820*2035(L*W*H mm)	
Weight		≤420kG	
Installation Method		Floor-stand Type	
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring	
Total length of gun cable		5 m	
Charging Outlets	Double(CCS1+CCS1)	Double (CCS2+CHADEMO)	Double (CCS1+NACS)
	Double (CCS1+CHADEMO)	Double(CHADEMO+GBT)	Double(CCS2+NACS)
	Double(CCS2+GBT)	Double(CCS1+CCS2)	Double(GBT+NACS)
	Double(CHADEMO+CHADEMO)	Double(CCS1+GBT)	Double(CHADEMO+NACS)
	Double(CCS2+CCS2)	Double(GBT+GBT)	Double(NACS+NACS)
Connectivity Authorization		RFID, App	
Screen		7 Inch LCD Screen/LED Light	
Electrical Specification			
AC Input Voltage		AC380V-415V,3P+N+PE	
Rated Input Current		270A	
Input Frequency		50Hz/60Hz	
Consumption		≤24W	
Rated Power		160kW	
Output Voltage Range		150Vdc –1000Vdc	
Output Current		0~250A	
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
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OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
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Application Place	Indoor/Outdoor
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Working Temperature	-30°C~~+50°C
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Protection Level	IP55 IK10(Screen IK08)
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Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightening Surge Protection