



Beny Floor-Mounted Split DC EV Charger Station

180kW -600kW



Datasheet

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Product Overview

The EVB Split EV charger integrates a rectifier cabinet and charging terminal, offering efficient charging with capacities ranging from 180kW to 600kW. The charging terminal has a maximum power of 250kW. Equipped with 2 Guns and OCPP 1.6J compliance, it ensures seamless connectivity, while the user-friendly interface includes a 7-inch LCD screen and LED lights for enhanced usability. Rest assured that we have certifications such as CE, CB, RCM, and TUV, as well as comprehensive full protection features. Enjoy convenient app control and Ethernet/4G/WiFi connection, and charge your EV confidently and efficiently!



Product Advantages

-  IP55 Rating
-  4G
-  Full Protection
-  OCPP 1.6J
-  7-inch Touch Screen
-  RFID
-  APP Control

Model Selection

DC EV Charging Station		BSDC180-250D1	BSDC240-250D1	BSDC240-250D2
				
Structure Description				
Shell Material		Galvanized Sheet		
Rectifier Cabinet Dimension		1400*802*1965(L*W*H mm)		
Charging Temminal Dimension		765*365*1655(L*W*H mm)		
Rectifier Cabinet Packing Dimension		1650*1050*2150(L*W*H mm)		
Temminal Packing Dimension		1050*590*1850(L*W*H mm)		
Rectifier Cabinet Weight		≤520kG	≤560kG	≤560kG
Charging Temminal Weight		≤110KG		
Installation Method		Floor-Stand Type		
Cable Routing		Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets		Double(CCS1+CCS1) Double (CCS1+CHADEMO) Double(CCS2+GBT) Double(CHADEMO+CHADEMO) Double(CCS2+CCS2)	Double (CCS2+CHADEMO) Double(CHADEMO+GBT) Double(CCS1+CCS2) Double(CCS1+GBT) Double(GBT+GBT)	Double (CCS1+NACS) Double(CCS2+NACS) Double(GBT+NACS) Double(CHADEMO+NACS) Double(NACS+NACS)
Connectivity Authorization		RFID, App		
Total length of gun cable		5m		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current		274A	365A	365A
Input Frequency		50Hz/60Hz		
Consumption		≤30W		
Rated Power		180kW	240kW	240kW
Output Voltage Range		CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		

Output Current		CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A
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~+55°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		BSDC360-250D1	BSDC360-250D2	BSDC360-250D3
				
Structure Description				
Shell Material		Galvanized Sheet		
Rectifier Cabinet Dimension		1400*802*1965(L*W*H mm)		
Charging Temminal Dimension		765*365*1655(L*W*H mm)		
Rectifier Cabinet Packing Dimension		1650*1050*2150(L*W*H mm)		
Temminal Packing Dimension		1050*590*1850(L*W*H mm)		
Rectifier Cabinet Weight		≤640kG		
Charging Temminal Weight		≤110kG		
Installation Method		Floor-Stand Type		
Cable Routing		Bottom Inlet Wiring,Bottom Outlet Wiring		
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		
Total length of gun cable		5m		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current		2*274A		
Input Frequency		50Hz/60Hz		
Consumption		≤30W		
Rated Power		360kW		
Output Voltage Range		CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		

Output Current	CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A
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~+55°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		BSDC480-250D1	BSDC480-250D2	BSDC480-250D3
				
Structure Description				
Shell Material		Galvanized Sheet		
Rectifier Cabinet Dimension		1400*802*1965(L*W*H mm)		
Charging Temminal Dimension		765*365*1655(L*W*H mm)		
Rectifier Cabinet Packing Dimension		1650*1050*2150(L*W*H mm)		
Temminal Packing Dimension		1050*590*1850(L*W*H mm)		
Rectifier Cabinet Weight		≤720kG		
Charging Temminal Weight		≤110kG		
Installation Method		Floor-Stand Type		
Cable Routing		Bottom Inlet Wiring,Bottom Outlet Wiring		
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		
Total length of gun cable		5m		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current		2*365A		
Input Frequency		50Hz/60Hz		
Consumption		≤30W		
Rated Power		480kW		
Output Voltage Range		CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		

Output Current	CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A
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℃~+55℃
Working Temperature	-30℃~+50℃
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		BSDC480-250D4	BSDC600-250D1	BSDC600-250D2
				
Structure Description				
Shell Material		Galvanized Sheet		
Rectifier Cabinet Dimension		1400*802*1965(L*W*H mm)		
Charging Temminal Dimension		765*365*1655(L*W*H mm)		
Rectifier Cabinet Packing Dimension		1650*1050*2150(L*W*H mm)		
Temminal Packing Dimension		1050*590*1850(L*W*H mm)		
Rectifier Cabinet Weight		≤720kG	≤800kG	≤800kG
Charging Temminal Weight		≤110kG		
Installation Method		Floor-Stand Type		
Cable Routing		Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets	Double(CCS1+CCS1) Double (CCS1+CHADEMO) Double(CCS2+GBT) Double(CHADEMO+CHADEMO) Double(CCS2+CCS2)	Double (CCS2+CHADEMO) Double(CHADEMO+GBT) Double(CCS1+CCS2) Double(CCS1+GBT) Double(GBT+GBT)	Double (CCS1+NACS) Double(CCS2+NACS) Double(GBT+NACS) Double(CHADEMO+NACS) Double(NACS+NACS)	
Connectivity Authorization		RFID, App		
Total length of gun cable		5m		
Screen		7 Inch LCD Screen/LED Light		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current		2*365A	2*456A	2*456A
Input Frequency		50Hz/60Hz		
Consumption		≤30W		
Rated Power		480kW	600kW	600kW
Output Voltage Range		CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc		

Output Current	CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A
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~+55°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		BSDC600-250D3	BSDC600-250D4	BSDC600-250D5	
					
Structure Description					
Shell Material		Galvanized Sheet			
Rectifier Cabinet Dimension		1400*802*1965(L*W*H mm)			
Charging Temminal Dimension		765*365*1655(L*W*H mm)			
Rectifier Cabinet Packing Dimension		1650*1050*2150(L*W*H mm)			
Temminal Packing Dimension		1050*590*1850(L*W*H mm)			
Rectifier Cabinet Weight		≤800kG			
Charging Temminal Weight		≤110kG			
Installation Method		Floor-Stand Type			
Cable Routing		Bottom Inlet Wiring,Bottom Outlet Wiring			
Charging Outlets	Double(CCS1+CCS1) Double (CCS1+CHADEMO) Double(CCS2+GBT) Double(CHADEMO+CHADEMO) Double(CCS2+CCS2)	Double (CCS2+CHADEMO) Double(CHADEMO+GBT) Double(CCS1+CCS2) Double(CCS1+GBT) Double(GBT+GBT)	Double (CCS1+NACS) Double(CCS2+NACS) Double(GBT+NACS) Double(CHADEMO+NACS) Double(NACS+NACS)		
Connectivity Authorization		RFID, App			
Total length of gun cable		5m			
Screen		7 Inch LCD Screen/LED Light			
Electrical Specification					
AC Input Voltage		AC380V-415V, 3P+N+PE			
Rated Input Current		2*456A			
Input Frequency		50Hz/60Hz			
Consumption		≤30W			
Rated Power		600kW			
Output Voltage Range		CCS1/CCS2/GBT/NACS: 150Vdc –1000Vdc;CHADEMO: 150Vdc –500Vdc			

Output Current	CCS1/CCS2/GBT/NACS:0~250A;CHADEMO:0~150A
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~+55°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