Beny Floor-Mounted Split DC EV Charger Station

180kW -600kW

Datasheet

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ZBENY

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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 RoHS, 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
- Ethernet/4G/WiFi
- Full Protection
- 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*800*1910(L*W*H mm)		
Charging Temminal Dimension	600*230*1700(L*W*H mm)		
Rectifier Cabinet Packing Dimension	1600*1000*2010(L*W*H mm)		
Temminal Packing Dimension	800*430*1750(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	304A	406A	406A
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:0~125A
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

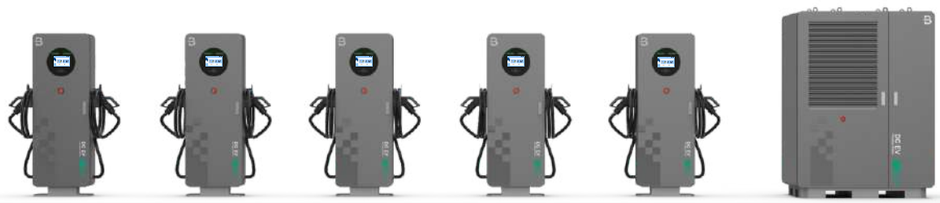
DC EV Charging Station	BSDC360-250D1	BSDC360-250D2	BSDC360-250D3

Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*800*1910(L*W*H mm)		
Charging Temminal Dimension	600*230*1700(L*W*H mm)		
Rectifier Cabinet Packing Dimension	1600*1000*2010(L*W*H mm)		
Temminal Packing Dimension	800*430*1750(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 (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*304A		
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:0~125A
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

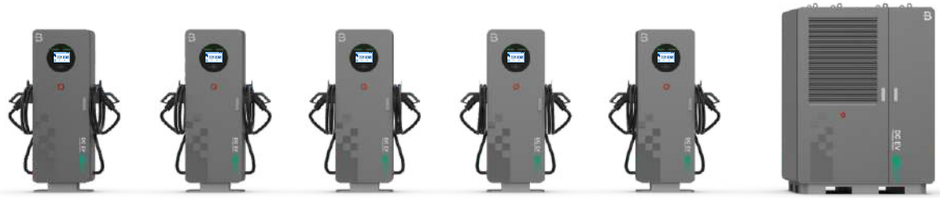
DC EV Charging Station	BSDC480-250D1	BSDC480-250D2	BSDC480-250D3



Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*800*1910(L*W*H mm)		
Charging Temminal Dimension	600*230*1700(L*W*H mm)		
Rectifier Cabinet Packing Dimension	1600*1000*2010(L*W*H mm)		
Temminal Packing Dimension	800*430*1750(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 (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*406A		
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:0~125A
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

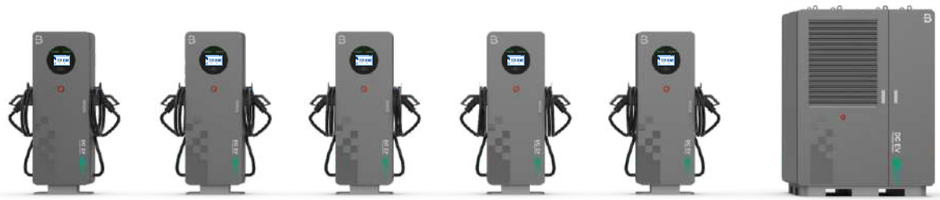
Model Selection

DC EV Charging Station	BSDC480-250D4	BSDC600-250D1	BSDC600-250D2
			
Structure Description			
Shell Material		Galvanized Sheet	
Rectifier Cabinet Dimension		1400*800*1910(L*W*H mm)	
Charging Temminal Dimension		600*230*1700(L*W*H mm)	
Rectifier Cabinet Packing Dimension		1600*1000*2010(L*W*H mm)	
Temminal Packing Dimension		800*430*1750(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*406A	2*506A	2*506A
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:0~125A
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	BSDC600-250D3	BSDC600-250D4	BSDC600-250D5



Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*800*1910(L*W*H mm)		
Charging Temminal Dimension	600*230*1700(L*W*H mm)		
Rectifier Cabinet Packing Dimension	1600*1000*2010(L*W*H mm)		
Temminal Packing Dimension	800*430*1750(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*506A		
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:0~125A
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