

Beny Floor-Mounted Split DC EV Charger Station

180kW -600kW



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 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 1 Gun 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, 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



OCPP 1.6J



7-inch Touch Screen



RFID



APP Control

Model Selection

DC EV Charging Station		BSDC180-250S1		BSDC180-250S2		BSDC240-250S1	
							
Structure Description							
Shell Material		Galvanized Sheet					
Rectifier Cabinet Dimension		1400*802*1965(L*W*H mm)					
Charging Temminal Dimension		510*160*1700(L*W*H mm)					
Rectifier Cabinet Weight		≤520kG	≤520kG		≤560kG		
Charging Temminal Weight		≤90KG					
Installation Method		Floor-Stand Type					
Cable Routing		Bottom Inlet Wiring,Bottom Outlet Wiring					
Charging Outlets		Single (CCS1/CCS2/GBT/CHADEMO/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	304A		406A		
Input Frequency		50Hz/60Hz					
Consumption		≤30W					
Rated Power		180kW	180kW		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℃~+85℃
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	BSDC240-250S2	BSDC240-250S3	BSDC240-250S4
			
Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*802*1965(L*W*H mm)		
Charging Temminal Dimension	510*160*1700(L*W*H mm)		
Rectifier Cabinet Weight	≤560kG		
Charging Temminal Weight	≤90KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/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	406A		
Input Frequency	50Hz/60Hz		
Consumption	≤30W		
Rated Power	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℃~+85℃
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	BSDC360-250S1	BSDC360-250S2	BSDC360-250S3
			
Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*802*1965(L*W*H mm)		
Charging Temminal Dimension	510*160*1700(L*W*H mm)		
Rectifier Cabinet Weight	≤640kG		
Charging Temminal Weight	≤90KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/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℃~+85℃
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	BSDC360-250S4	BSDC360-250S5	BSDC360-250S6
			
Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*802*1965(L*W*H mm)		
Charging Temminal Dimension	510*160*1700(L*W*H mm)		
Rectifier Cabinet Weight	≤640kG		
Charging Temminal Weight	≤90KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/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℃~+85℃
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	BSDC480-250S1	BSDC480-250S2	BSDC480-250S3
			
Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*802*1965(L*W*H mm)		
Charging Temminal Dimension	510*160*1700(L*W*H mm)		
Rectifier Cabinet Weight	≤720kG		
Charging Temminal Weight	≤90KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/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℃~+85℃
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	BSDC480-250S4	BSDC480-250S5	BSDC480-250S6
			
Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*802*1965(L*W*H mm)		
Charging Temminal Dimension	510*160*1700(L*W*H mm)		
Rectifier Cabinet Weight	≤720kG		
Charging Temminal Weight	≤90KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/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℃~+85℃
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		BSDC480-250S7		BSDC480-250S8		BSDC600-250S1	
							
Structure Description							
Shell Material		Galvanized Sheet					
Rectifier Cabinet Dimension		1400*802*1965(L*W*H mm)					
Charging Temminal Dimension		510*160*1700(L*W*H mm)					
Rectifier Cabinet Weight		≤720kG		≤720kG		≤800kG	
Charging Temminal Weight		≤90KG					
Installation Method		Floor-Stand Type					
Cable Routing		Bottom Inlet Wiring,Bottom Outlet Wiring					
Charging Outlets		Single (CCS1/CCS2/GBT/CHADEMO/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*406A		2*506A	
Input Frequency		50Hz/60Hz					
Consumption		≤30W					
Rated Power		480kW		480kW		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℃~+85℃
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	BSDC600-250S2	BSDC600-250S3	BSDC600-250S4
			
Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*802*1965(L*W*H mm)		
Charging Temminal Dimension	510*160*1700(L*W*H mm)		
Rectifier Cabinet Weight	≤800kG		
Charging Temminal Weight	≤90KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/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℃~+85℃
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	BSDC600-250S5	BSDC600-250S6	BSDC600-250S7
			
Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*802*1965(L*W*H mm)		
Charging Temminal Dimension	510*160*1700(L*W*H mm)		
Rectifier Cabinet Weight	≤800kG		
Charging Temminal Weight	≤90KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/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℃~+85℃
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	BSDC600-250S8	BSDC600-250S9	BSDC600-250S10
			
Structure Description			
Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	1400*802*1965(L*W*H mm)		
Charging Temminal Dimension	510*160*1700(L*W*H mm)		
Rectifier Cabinet Weight	≤800kG		
Charging Temminal Weight	≤90KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring,Bottom Outlet Wiring		
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO/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%)		

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