

ATP Floor-Mounted Split DC EV Charger Station

180kW - 600kW



Product Overview

The Split EV Charger combines a rectifier cabinet and charging terminal in a single solution, delivering efficient charging capacities from 180kW to 600kW, with the charging terminal providing up to 250kW of power. Equipped with two charging guns and compliant with OCPP 1.6J, it ensures seamless connectivity and interoperability. Its user-friendly design features a 7-inch LCD screen and LED indicators for enhanced usability, while certifications including CE, CB, RCM, and TUV, along with comprehensive protection systems, guarantee safety and reliability. With app-based control and Ethernet, 4G, and Wi-Fi connectivity options, the EVB Split EV Charger enables convenient, secure, and efficient EV charging.



Product Advantages



OCPP 1.6J



7-inch
Touch Screen



RFID



APP Control



IP55 Rating



Ethernet/4G/WiFi



Full Protection

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℃~+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, Lightning 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 (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		547A		
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℃~+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		BSDC480-250D1	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 (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		730A		
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°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, Lightning 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		730A	912A	912A
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~+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*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		912A		
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~+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