



# 1 Gun DC EV Charging Station

## 30kW -240kW



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**Datasheet**

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## Product Overview

The DC EV Charging Station boasts a remarkable 7-inch touch screen for effortless control. It comes with a range of certifications including CE, CB, UKCA, TUV, and RoHS, and offers robust full protection features. With convenient app control and Ethernet/4G connectivity, you can charge your EV with confidence and efficiency.





# Model Selection



## Structure Description

Shell Material	Sheet Metal
Dimension	800*800*1800(L*W*T)
Weight	≤450kG
Installation Method	Floor-Stand Type
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring
Cable Length	5 M
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO)
Connectivity Authorization	RFID, App
Screen	7 Inch LCD Screen/LED Light

## Electrical Specification

AC Input Voltage	AC380V±15% ,3P+N+PEAC		
Input Frequency	50Hz/60Hz		
Consumption	≤24wh		
Rated Power	30kW	40kW	60kW
Output Voltage Range	CCS1/CCS2/GBT: 150Vdc~1000Vdc; CHADEMO: 150Vdc ~ 500Vdc		
Output Current	CCS1/CCS2/GBT: 0~100A CHADEMO: 0~100A	CCS1/GBT: 0~125A CCS2: 0~133A CHADEMO: 0~125A	CCS1/GBT: 0~250A CCS2: 0~200A CHADEMO: 0~125A
Efficiency	≥95%		
Power Factor	≥0.99(load:100%)		

## Functional Design

User Interface	Emergency Stop Button,LED Indicator,Card Swiping,Touch Screen
Charging Stands	IEC 61851-21-2:2021; IEC 61000-6-2:2019; EN61000-6-4:2019; IEC 61851-1:2019; EN 61851-23:2014; EN 61851-24:2014

## Communication

OCPP	OCPP 1.6J
Network Interface	Ethernet/4G

## Environment Condition

Application Place	Indoor/Outdoor
Working Latitude	<2000m
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection,Overlord Protection,Current Leakage Protection, Grounding Protection,Over Temp Protection,Lightening Surge Protection

# Model Selection



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Dimension	800*800*1800(L*W*T)
Weight	≤450kG
Installation Method	Floor-Stand Type
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring
Cable Length	5 M
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO)
Connectivity Authorization	RFID, App
Screen	7 Inch LCD Screen/LED Light
Optional Configuration	POS Terminal Gun Line Management System

## Electrical Specification

AC Input Voltage	AC380V±15% ,3P+N+PEAC		
Input Frequency	50Hz/60Hz		
Consumption	≤24wh		
Rated Power	90kW	120kW	150kW
Output Voltage Range	150Vdc ~ 1000Vdc		
Output Current	CCS1/GBT: 0~250A CCS2: 0~200A CHADEMO: 0~125A	CCS1/CCS2/GBT: 0~250A CHADEMO: 0~125A	
Efficiency	≥95%		
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Protection Level	IP55
Natural Cooling	Forced-air Cooling
MTBF	24 Months Warranty
Security Design	Over/Under Voltage Protection,Overlord Protection,Current Leakage Protection, Grounding Protection,Over Temp Protection,Lightening Surge Protection

# Model Selection

DC EV Charging Station	BDC180-S	BDC240-S
		
<b>Structure Description</b>		
Shell Material	Sheet Metal	
Dimension	800*800*1800(L*W*T)	
Weight	≤450kG	
Installation Method	Floor-Stand Type	
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring	
Cable Length	5 M	
Charging Outlets	Single (CCS1/CCS2/GBT/CHADEMO)	
Connectivity Authorization	RFID, App	
Screen	7 Inch LCD Screen/LED Light	
Optional Configuration	POS Terminal Gun Line Management System	
<b>Electrical Specification</b>		
AC Input Voltage	AC380V±15% ,3P+N+PEAC	
Input Frequency	50Hz/60Hz	
Consumption	≤24wh	
Rated Power	180kW	240kW
Output Voltage Range	CCS1/CCS2/GBT: 150Vdc ~ 1000Vdc; CHADEMO: 150Vdc ~ 500Vdc	
Output Current	CCS1/CCS2/GBT: 0~250A CHADEMO: 0~125A	
Efficiency	≥95%	
Power Factor	≥0.99(load:100%)	

<b>Functional Design</b>	
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<b>Communication</b>	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G
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