



Beny 3 Guns DC EV Charging Station

90kW-480kW



Datasheet

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Product Overview

The Beny DC EV Charging Station boasts two remarkable 21-inch touch screens for effortless control. It offers powerful comprehensive protection features. With convenient app control and Ethernet/4G/WiFi connectivity, you can charge your EV with confidence and efficiency.



Product Advantages



IP55 Rating



Ethernet/4G/WiFi



Full Protection



OCPP 1.6J



21-inch
Touch Screen



RFID



APP Control

Model Selection

DC EV Charging Station		BDC90-T	BDC120-T	BDC150-T
				
Structure Description				
Shell Material	Galvanized Sheet			
Dimension	800*900*1800(L*W*H mm)			
Packing Dimension	1050*1250*2160(L*W*H mm)			
Weight	≤370kG	≤375kG	≤390kG	
Installation Method	Floor-stand Type			
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring			
Total length of gun cable	5 m			
Charging Outlets	Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)			
Connectivity Authorization	RFID, App			
Screen	2*(21 Inch LCD Screen/LED Light)			
Electrical Specification				
AC Input Voltage	AC380V-415V, 3P+N+PE			
Rated Input Current	203A	204A	255A	
Input Frequency	50Hz/60Hz			
Consumption	≤24W			
Rated Power	90kW	120kW	150kW	
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc			
Output Current	CCS1:0~350A;CCS2:0~375A;NACS:0~380A;GBT:0~350A;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	IEC 61851-21-2:2021, IEC 61000-6-2:2019, EN61000-6-4:2019, IEC 61851-1:2010, EN 61851-23:2014, EN 61851-24:2014, IEC 61851-23:2014, EN 61851-1:2011
communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WIFI
RF Parameters	
LTE Band 1:1920-1980MHz (Uplink), 2110-2170MHz (Downlink)	RFID: 13.56MHz
LTE Band 3:1710-1785MHz (Uplink), 1805-1880MHz (Downlink)	Wi-Fi: 2412-2472MHz (TX/RX)
LTE Band 7: 2500-2570MHz (Uplink), 2620-2690MHz (Downlink)	
LTE Band 20: 832-862MHz (Uplink), 791-821MHz (Downlink)	
LTE Band 28: 703-748 MHz (Uplink), Downlink: 758-803 MHz (Downlink)	
LTE Band 38: 2570-2620 MHz (Uplink), Downlink: 2570-2620 MHz (Downlink)	
LTE Band 40: 2300-2400 MHz (Uplink), Downlink: 2300-2400 MHz (Downlink)	
LTE Band 41: 2496-2690 MHz (Uplink), Downlink: 2496-2690 MHz (Downlink)	
LTE Band 8: 880-915MHz (Uplink), 925-960MHz (Downl)	
Maximum output power	
Wi-Fi: 18.82dBm	LTE: ≤25dBm
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(Independent Duct)
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		BDC160-T	BDC180-T	BDC200-T
				
Structure Description				
Shell Material	Galvanized Sheet			
Dimension	800*900*1800(L*W*H mm)			
Packing Dimension	1050*1250*2160(L*W*H mm)			
Weight	≤395kG	≤405kG	≤415kG	
Installation Method	Floor-stand Type			
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring			
Total length of gun cable	5 m			
Charging Outlets	Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)			
Connectivity Authorization	RFID, App			
Screen	2*(21 Inch LCD Screen/LED Light)			
Electrical Specification				
AC Input Voltage	AC380V-415V, 3P+N+PE			
Rated Input Current	272A	306A	340A	
Input Frequency	50Hz/60Hz			
Consumption	≤24W			
Rated Power	160kW	180kW	200kW	
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc			
Output Current	CCS1:0~350A;CCS2:0~375A;NACS:0~380A;GBT:0~350A;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	IEC 61851-21-2:2021, IEC 61000-6-2:2019, EN61000-6-4:2019, IEC 61851-1:2010, EN 61851-23:2014, EN 61851-24:2014, IEC 61851-23:2014, EN 61851-1:2011
communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WIFI
RF Parameters	
LTE Band 1:1920-1980MHz (Uplink), 2110-2170MHz (Downlink)	RFID: 13.56MHz
LTE Band 3:1710-1785MHz (Uplink), 1805-1880MHz (Downlink)	Wi-Fi: 2412-2472MHz (TX/RX)
LTE Band 7: 2500-2570MHz (Uplink), 2620-2690MHz (Downlink)	
LTE Band 20: 832-862MHz (Uplink), 791-821MHz (Downlink)	
LTE Band 28: 703-748 MHz (Uplink), Downlink: 758-803 MHz (Downlink)	
LTE Band 38: 2570-2620 MHz (Uplink), Downlink: 2570-2620 MHz (Downlink)	
LTE Band 40: 2300-2400 MHz (Uplink), Downlink: 2300-2400 MHz (Downlink)	
LTE Band 41: 2496-2690 MHz (Uplink), Downlink: 2496-2690 MHz (Downlink)	
LTE Band 8: 880-915MHz (Uplink), 925-960MHz (Downl)	
Maximum output power	
Wi-Fi: 18.82dBm	LTE: ≤25dBm
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(Independent Duct)
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		BDC210-T	BDC240-T	BDC270-T
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		800*900*1800(L*W*H mm)		
Packing Dimension		1050*1250*2160(L*W*H mm)		
Weight	≤425kG	≤445kG	≤455kG	
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets		Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization		RFID, App		
Screen		2*(21 Inch LCD Screen/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current	357A	407A	458A	
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power	210kW	240kW	270kW	
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1:0~350A;CCS2:0~375A;NACS:0~380A;GBT:0~350A;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	IEC 61851-21-2:2021, IEC 61000-6-2:2019, EN61000-6-4:2019, IEC 61851-1:2010, EN 61851-23:2014, EN 61851-24:2014, IEC 61851-23:2014, EN 61851-1:2011
communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WIFI
RF Parameters	
LTE Band 1:1920-1980MHz (Uplink), 2110-2170MHz (Downlink)	RFID: 13.56MHz
LTE Band 3:1710-1785MHz (Uplink), 1805-1880MHz (Downlink)	Wi-Fi: 2412-2472MHz (TX/RX)
LTE Band 7: 2500-2570MHz (Uplink), 2620-2690MHz (Downlink)	
LTE Band 20: 832-862MHz (Uplink), 791-821MHz (Downlink)	
LTE Band 28: 703-748 MHz (Uplink), Downlink: 758-803 MHz (Downlink)	
LTE Band 38: 2570-2620 MHz (Uplink), Downlink: 2570-2620 MHz (Downlink)	
LTE Band 40: 2300-2400 MHz (Uplink), Downlink: 2300-2400 MHz (Downlink)	
LTE Band 41: 2496-2690 MHz (Uplink), Downlink: 2496-2690 MHz (Downlink)	
LTE Band 8: 880-915MHz (Uplink), 925-960MHz (Downl)	
Maximum output power	
Wi-Fi: 18.82dBm	LTE: ≤25dBm
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(Independent Duct)
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		BDC280-T	BDC300-T	BDC320-T
				
Structure Description				
Shell Material		Galvanized Sheet		
Dimension		800*900*1800(L*W*H mm)		
Packing Dimension		1050*1250*2160(L*W*H mm)		
Weight		≤460kG	≤475kG	≤485kG
Installation Method		Floor-stand Type		
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring		
Total length of gun cable		5 m		
Charging Outlets		Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)		
Connectivity Authorization		RFID, App		
Screen		2*(21 Inch LCD Screen/LED Light)		
Electrical Specification				
AC Input Voltage		AC380V-415V, 3P+N+PE		
Rated Input Current		475A	509A	543A
Input Frequency		50Hz/60Hz		
Consumption		≤24W		
Rated Power		280kW	300kW	320kW
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc		
Output Current		CCS1:0~350A;CCS2:0~375A;NACS:0~380A;GBT:0~350A;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	IEC 61851-21-2:2021, IEC 61000-6-2:2019, EN61000-6-4:2019, IEC 61851-1:2010, EN 61851-23:2014, EN 61851-24:2014, IEC 61851-23:2014, EN 61851-1:2011
communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WIFI
RF Parameters	
LTE Band 1:1920-1980MHz (Uplink), 2110-2170MHz (Downlink)	RFID: 13.56MHz
LTE Band 3:1710-1785MHz (Uplink), 1805-1880MHz (Downlink)	Wi-Fi: 2412-2472MHz (TX/RX)
LTE Band 7: 2500-2570MHz (Uplink), 2620-2690MHz (Downlink)	
LTE Band 20: 832-862MHz (Uplink), 791-821MHz (Downlink)	
LTE Band 28: 703-748 MHz (Uplink), Downlink: 758-803 MHz (Downlink)	
LTE Band 38: 2570-2620 MHz (Uplink), Downlink: 2570-2620 MHz (Downlink)	
LTE Band 40: 2300-2400 MHz (Uplink), Downlink: 2300-2400 MHz (Downlink)	
LTE Band 41: 2496-2690 MHz (Uplink), Downlink: 2496-2690 MHz (Downlink)	
LTE Band 8: 880-915MHz (Uplink), 925-960MHz (Downl)	
Maximum output power	
Wi-Fi: 18.82dBm	LTE: ≤25dBm
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(Independent Duct)
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		BDC330-T	BDC360-T	BDC400-T
				
Structure Description				
Shell Material	Galvanized Sheet			
Dimension	800*900*1800(L*W*H mm)			
Packing Dimension	1050*1250*2160(L*W*H mm)			
Weight	≤495kG	≤515kG	≤525kG	
Installation Method	Floor-stand Type			
Cable Routing	Bottom Inlet Wiring,Up Outlet Wiring			
Total length of gun cable	5 m			
Charging Outlets	Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)			
Connectivity Authorization	RFID, App			
Screen	2*(21 Inch LCD Screen/LED Light)			
Electrical Specification				
AC Input Voltage	AC380V-415V, 3P+N+PE			
Rated Input Current	560A	611A	680A	
Input Frequency	50Hz/60Hz			
Consumption	≤24W			
Rated Power	90kW	120kW	150kW	
Output Voltage Range	CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc			
Output Current	CCS1:0~350A;CCS2:0~375A;NACS:0~380A;GBT:0~350A;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	IEC 61851-21-2:2021, IEC 61000-6-2:2019, EN61000-6-4:2019, IEC 61851-1:2010, EN 61851-23:2014, EN 61851-24:2014, IEC 61851-23:2014, EN 61851-1:2011
communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WIFI
RF Parameters	
LTE Band 1:1920-1980MHz (Uplink), 2110-2170MHz (Downlink)	RFID: 13.56MHz
LTE Band 3:1710-1785MHz (Uplink), 1805-1880MHz (Downlink)	Wi-Fi: 2412-2472MHz (TX/RX)
LTE Band 7: 2500-2570MHz (Uplink), 2620-2690MHz (Downlink)	
LTE Band 20: 832-862MHz (Uplink), 791-821MHz (Downlink)	
LTE Band 28: 703-748 MHz (Uplink), Downlink: 758-803 MHz (Downlink)	
LTE Band 38: 2570-2620 MHz (Uplink), Downlink: 2570-2620 MHz (Downlink)	
LTE Band 40: 2300-2400 MHz (Uplink), Downlink: 2300-2400 MHz (Downlink)	
LTE Band 41: 2496-2690 MHz (Uplink), Downlink: 2496-2690 MHz (Downlink)	
LTE Band 8: 880-915MHz (Uplink), 925-960MHz (Downl)	
Maximum output power	
Wi-Fi: 18.82dBm	LTE: ≤25dBm
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(Independent Duct)
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		BDC440-T	BDC480-T
			
Structure Description			
Shell Material		Galvanized Sheet	
Dimension		800*900*1800(L*W*H mm)	
Packing Dimension		1050*1250*2160(L*W*H mm)	
Weight		≤540kG	≤555kG
Installation Method		Floor-stand Type	
Cable Routing		Bottom Inlet Wiring,Up Outlet Wiring	
Total length of gun cable		5 m	
Charging Outlets		Triple(A/B/C) (A:CCS1/CCS2/GBT/CHADEMO/NACS) (B:CCS1/CCS2/GBT/CHADEMO/NACS) (C:CCS1/CCS2/GBT/CHADEMO/NACS)	
Connectivity Authorization		RFID, App	
Screen		2*(21 Inch LCD Screen/LED Light)	
Electrical Specification			
AC Input Voltage		AC380V-415V, 3P+N+PE	
Rated Input Current		747A	815A
Input Frequency		50Hz/60Hz	
Consumption		≤24W	
Rated Power		440kW	480kW
Output Voltage Range		CCS1/CCS2/NACS/GBT: 150Vdc ~ 1000Vdc;CHADEMO: 150Vdc ~ 500Vdc	
Output Current		CCS1:0~350A;CCS2:0~375A;NACS:0~380A;GBT:0~350A;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	IEC 61851-21-2:2021, IEC 61000-6-2:2019, EN61000-6-4:2019, IEC 61851-1:2010, EN 61851-23:2014, EN 61851-24:2014, IEC 61851-23:2014, EN 61851-1:2011
communication	
OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WIFI
RF Parameters	
LTE Band 1:1920-1980MHz (Uplink), 2110-2170MHz (Downlink)	RFID: 13.56MHz
LTE Band 3:1710-1785MHz (Uplink), 1805-1880MHz (Downlink)	Wi-Fi: 2412-2472MHz (TX/RX)
LTE Band 7: 2500-2570MHz (Uplink), 2620-2690MHz (Downlink)	
LTE Band 20: 832-862MHz (Uplink), 791-821MHz (Downlink)	
LTE Band 28: 703-748 MHz (Uplink), Downlink: 758-803 MHz (Downlink)	
LTE Band 38: 2570-2620 MHz (Uplink), Downlink: 2570-2620 MHz (Downlink)	
LTE Band 40: 2300-2400 MHz (Uplink), Downlink: 2300-2400 MHz (Downlink)	
LTE Band 41: 2496-2690 MHz (Uplink), Downlink: 2496-2690 MHz (Downlink)	
LTE Band 8: 880-915MHz (Uplink), 925-960MHz (Downl)	
Maximum output power	
Wi-Fi: 18.82dBm	LTE: ≤25dBm
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(Independent Duct)
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection