

monokon

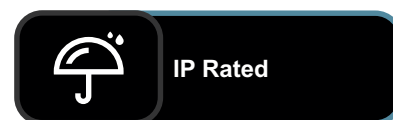
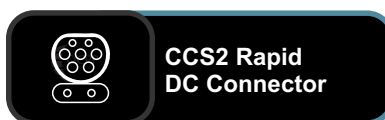
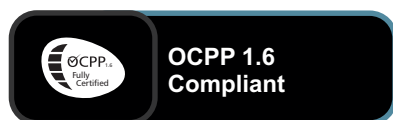
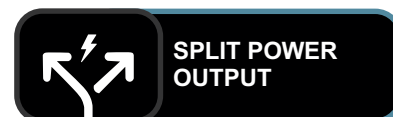
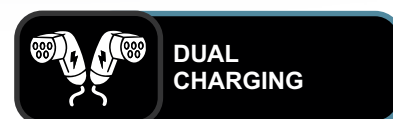
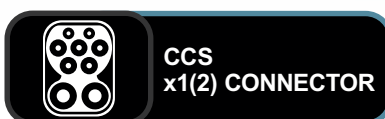
# DC EV Charging Solutions



DC EV  
Charging Station

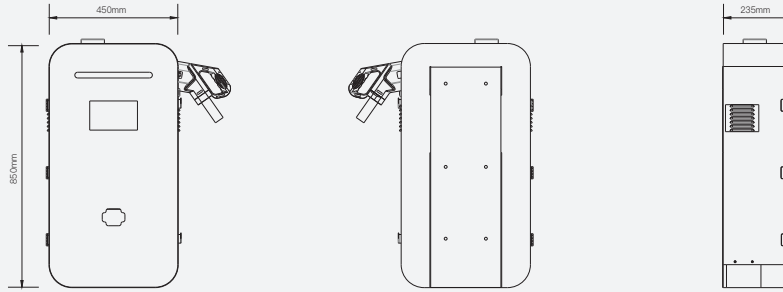
## Product Features

- CCS2 charging outlet(s)
- 20-240kW DC rapid charging output
- RFID, App, VIN for user authentication
- 150-1000Vdc output voltage range
- OCPP 1.6J compliant
- LCD screen/LED light
- Emergency stop button
- 5m charger cable,cable length can be customized
- IEC/EN 61851, IEC/EN 62196、 ISO-15118、 DIN 70121
- IP55 protection
- Air cooling/Liquid cooling
- Under and over voltage protection,Over current protection,Leakage protection,Surge protection and so on

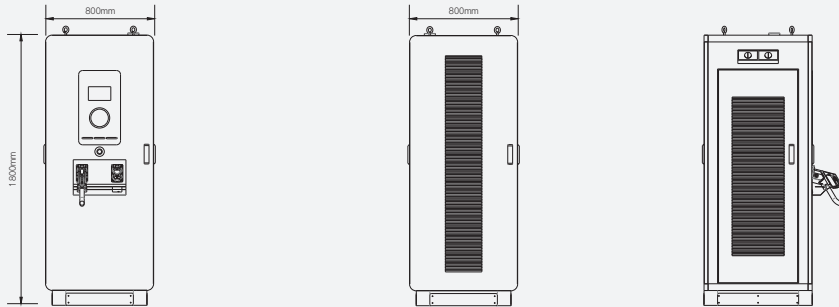


## Product Size

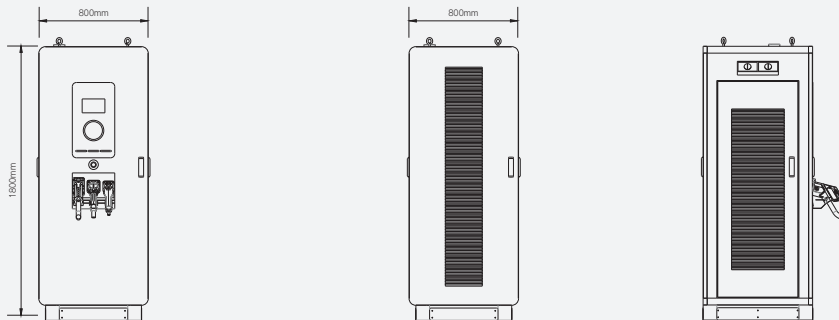
### Wall-Mounted BBDC-20-40KW



### Floor-Mounted BDC-30-240KW



### Floor-Mounted BADC-82-262KW



## Application scenarios



Highway  
Service



Parking





Service  
Station



Commercial  
Building

# Specifications

Models	BBDC-20	BBDC-30	BBDC-40
			
<b>Structure Description</b>			
Shell material	sheet meal		
Dimension	450*250*850(L*W*T)		
Weight	≤65kG		
Installation Method	Wall-mounted		
Cable routing	Bottom inlet wiring,up outlet wiring		
Cable length	5 M		
Charging outlets	Single (CCS2)		
Connectivity authorization	RFID, App		
Screen	9.1inch LCD screen/LED light		
<b>Electrical Specification</b>			
AC input voltage	AC380V±15% ,3P+N+PEAC		
input frequency	50Hz/60Hz		
Consumption	≤2W		
Rated power	20KW	30KW	40KW
Output voltage range	CCS1/2: 150 Vdc –1000 Vdc		
Output current	0~66.7A	0~100A	0~133A
Efficiency	≥94%		
Power factor	≥0.99(load:100%)		
<b>Functionate design</b>			
User Interface	Emergency stop button,LED indicator,card swiping,touch screen		
Charging stands	IEC61851-1:2011, IEC61851-23:201 EN61851-1:2011; EN61851-23:2014,IEC61851-21-2:2018; EN61000-6-2:2005; EN61000-6-4:2007+A1		
<b>Communion</b>			
OCPP	OCPP 1.6		
Network interface	Ethernet/4G		
<b>Environment condition</b>			
Application place	Indoor/Outdoor		
Working latitude	<2000m		
Working temperature	-30℃~+55℃		
Working humidity	5%~95%		
Protection level	Ip55		
Natural cooling	Forced-air cooling		
MTBF	12 months warranty		
Security design	Over/under voltage protection,overlord protection,current leakage protection, grounding protection,over temp protection,lightening surge protection		





# Specifications

Models	BDC-30-240		BDC-30-240	BDC-30-240
				
<b>Structure Description</b>				
Shell material	sheet meal			
Dimension	800*800*1800(L*W*T)			
Weight	≤350kG			
Installation Method	Floor-stand type			
Cable routing	Bottom inlet wiring,up outlet wiring			
Cable length	5 M			
Charging outlets	Single (CCS1)	Single (CCS2)	Single (CHADEMO)	
Connectivity authorization	RFID, App			
Screen	9.1inch LCD screen/LED light			
<b>Electrical Specification</b>				
AC input voltage	AC380V±15% ,3P+N+PEAC			
input frequency	50Hz/60Hz			
Consumption	≤2W			
Rated power	30kW / 60kW / 90kW / 120kW / 150kW / 180kW / 240kW			
Output voltage range	CCS1: 150 Vdc –1000 Vdc	CCS2: 150 Vdc –1000 Vdc	CHADEMO: 150 Vdc –500 Vdc	
Output current	0~250A	0~250A	0~133A	
Efficiency	≥94%			
Power factor	≥0.99(load:100%)			
<b>Functionate design</b>				
User Interface	Emergency stop button,LED indicator,card swiping,touch screen			
Charging stands	IEC61851-1:2011, IEC61851-23:201,EN61851-1:2011;EN61851-23:2014,IEC61851-21-2:2018;EN61000-6-2:2005;			
<b>Communcion</b>				
OCPP	OCPP 1.6			
Network interface	Ethernet/4G			
<b>Environment condition</b>				
Application place	Indoor/Outdoor			
Working latitude	<2000m			
Working temperature	-30℃~+55℃			
Working humidity	5%~95%			
Protection level	IP55			
Natural cooling	Forced-air cooling			
MTBF	12 months warranty			
Security design	Over/under voltage protection,overlord protection,current leakage protection, grounding protection,over temp protection,lightening surge protection			



# Specifications

Models	BDC-60-240		BDC-60-240		BDC-60-240	
						
<b>Structure Description</b>						
Shell material	sheet meal					
Dimension	800*800*1800(L*W*T)					
Weight	≤350kG					
Installation Method	Floor-stand type					
Cable routing	Bottom inlet wiring, up outlet wiring					
Cable length	5 M					
Charging outlets	Double (CCS1+CCS1)	Double(CCS2+CCS2)	Double(CCS1+CCS2)	Double(CCS1+CCS2)	Double(CCS1+CCS2)	Double(CCS1+CCS2)
Connectivity authorization	RFID, App					
Screen	9.1inch LCD screen/LED light					
<b>Electrical Specification</b>						
AC input voltage	AC380V±15% ,3P+N+PEAC					
input frequency	50Hz/60Hz					
Consumption	≤2W					
Rated power	60kW / 90kW / 120kW / 150kW / 180kW / 240kW					
Output voltage range	CCS1: 150 Vdc –1000 Vdc	CCS2: 150 Vdc –1000 Vdc	CCS1: 150 Vdc –1000 Vdc ,	CCS2: 150 Vdc –1000 Vdc	CCS1: 150 Vdc –1000 Vdc ,	CCS2: 150 Vdc –1000 Vdc
Output current	CCS1:0~250A	CCS2:0~250A	CCS1: 0~250A ,	CCS2: 0~250A	CCS1: 0~250A ,	CCS2: 0~250A
Power factor	≥0.99(load:100%)					
<b>Functionate design</b>						
User Interface	Emergency stop button,LED indicator,card swiping,touch screen					
Charging stands	IEC61851-1:2011, IEC61851-23:201,EN61851-1:2011;EN61851-23:2014,IEC61851-21-2:2018;EN61000-6-2:2005;					
<b>Communion</b>						
OCPP	OCPP 1.6					
Network interface	Ethernet/4G					
<b>Environment condition</b>						
Application place	Indoor/Outdoor					
Working latitude	<2000m					
Working temperature	-30℃~+55℃					
Working humidity	5%~95%					
Protection level	IP55					
Natural cooling	Forced-air cooling					
MTBF	12 months warranty					
Security design	Over/under voltage protection,overlord protection,current leakage protection, grounding protection,over temp protection,lightening surge protection					

# Specifications



Models	BDC-60-240	BDC-60-240
		
<b>Structure Description</b>		
Shell material	sheet meal	
Dimension	800*800*1800(L*W*T)	
Weight	≤350kG	
Installation Method	Floor-stand type	
Cable routing	Bottom inlet wiring,up outlet wiring	
Cable length	5 M	
Charging outlets	Double (CCS1+Chademo)	Double (CCS2+Chademo)
Connectivity authorization	RFID, App	
Screen	9.1inch LCD screen/LED light	
<b>Electrical Specification</b>		
AC input voltage	AC380V±15% ,3P+N+PEAC	
input frequency	50Hz/60Hz	
Consumption	≤2W	
Rated power	60kW / 90kW / 120kW / 150kW / 180kW / 240kW	
Output voltage range	CCS1: 150 Vdc –1000 Vdc , CHADEMO: 150 Vdc –500 Vdc	CCS2: 150 Vdc –1000 Vdc , CHADEMO: 150 Vdc –500 Vdc
Output current	CCS1: 0~250A ,CHADEMO: 0~125A	CCS2: 0~250A ,CHADEMO: 0~125A
Power factor	≥0.99(load:100%)	
<b>Functionate design</b>		
User Interface	Emergency stop button,LED indicator,card swiping,touch screen	
Charging stands	IEC61851-1:2011, IEC61851-23:201,EN61851-1:2011;EN61851-23:2014,IEC61851-21-2:2018;EN61000-6-2:2005;	
<b>Communcion</b>		
OCPP	OCPP 1.6	
Network interface	Ethernet/4G	
<b>Environment condition</b>		
Application place	Indoor/Outdoor	
Working latitude	<2000m	
Working temperature	-30℃~+55℃	
Working humidity	5%~95%	
Protection level	IP55	
Natural cooling	Forced-air cooling	
MTBF	12 months warranty	
Security design	Over/under voltage protection,overlord protection,current leakage protection, grounding protection,over temp protection,lightening surge protection	

# Specifications

Models	BADC-82~262		BADC-82~262	BADC-82~262
				
<b>Structure Description</b>				
Shell material	sheet meal			
Dimension	800*800*1800(L*W*T)			
Weight	≤350kG			
Installation Method	Floor-stand type			
Cable routing	Bottom inlet wiring,up outlet wiring			
Cable length	5 M			
Charging outlets	Triple(CCS1+CHADEMO+AC)	Triple(CCS2+CHADEMO+AC)	Triple(CCS2+CCS1+AC)	
Connectivity authorization	RFID, App			
Screen	9.1inch LCD screen/LED light			
<b>Electrical Specification</b>				
AC input voltage	AC380V±15% ,3P+N+PEAC			
input frequency	50Hz/60Hz			
Consumption	≤2W			
Rated power	82kW / 112kW / 142kW / 172kW / 202kW / 262kW			
Output voltage range	CCS1: 150 Vdc –1000 Vdc CHADEMO: 150 Vdc –500 Vdc	CCS2: 150 Vdc –1000 Vdc CHADEMO: 150 Vdc –500 Vdc	CCS2: 150 Vdc –1000 Vdc CCS1: 150 Vdc –1000 Vdc	
Output current	CCS1: 0~250A CHADEMO:0~125A AC:0-32A	CCS2: 0~250A CHADEMO:0~125A AC:0-32A	CCS2: 0~250A CCS1: 0~250A AC:0-32A	
Efficiency	≥94%			
Power factor	≥0.99(load:100%)			
<b>Functionate design</b>				
User Interface	Emergency stop button,LED indicator,card swiping,touch screen			
Charging stands	IEC61851-1:2011, IEC61851-23:201,EN61851-1:2011;EN61851-23:2014,IEC61851-21-2:2018;EN61000-6-2:2005;			
<b>Communcion</b>				
OCPP	OCPP 1.6			
Network interface	Ethernet/4G			
<b>Environment condition</b>				
Application place	Indoor/Outdoor			
Working latitude	<2000m			
Working temperature	-30℃~+55℃			
Working humidity	5%~95%			
Protection level	IP55			
Natural cooling	Forced-air cooling			
MTBF	12 months warranty			
Security design	Over/under voltage protection,overlord protection,current leakage protection, grounding protection,over temp protection,lightening surge protection			



# Specifications

Models	BADC-82~262	BADC-82~262
		
<b>Structure Description</b>		
Shell material	sheet meal	
Dimension	800*800*1800(L*W*T)	
Weight	≤350kG	
Installation Method	Floor-stand type	
Cable routing	Bottom inlet wiring,up outlet wiring	
Cable length	5 M	
Charging outlets	Triple(CCS2+CCS2+AC)	Triple(CCS1+CCS1+AC)
Connectivity authorization	RFID, App	
Screen	9.1inch LCD screen/LED light	
<b>Electrical Specification</b>		
AC input voltage	AC380V±15% ,3P+N+PEAC	
input frequency	50Hz/60Hz	
Consumption	≤2W	
Rated power	82kW / 112kW / 142kW / 172kW / 202kW / 262kW	
Output voltage range	CCS2: 150 Vdc –1000 Vdc	CCS1: 150 Vdc –1000 Vdc
Output current	CCS2: 0~250A AC:0-32A	CCS1: 0~250A AC:0-32A
Efficiency	≥94%	
Power factor	≥0.99(load:100%)	
<b>Functionate design</b>		
User Interface	Emergency stop button,LED indicator,card swiping,touch screen	
Charging stands	IEC61851-1:2011, IEC61851-23:201,EN61851-1:2011;EN61851-23:2014,IEC61851-21-2:2018;EN61000-6-2:2005;	
<b>Communion</b>		
OCPP	OCPP 1.6	
Network interface	Ethernet/4G	
<b>Environment condition</b>		
Application place	Indoor/Outdoor	
Working latitude	<2000m	
Working temperature	-30℃~+55℃	
Working humidity	5%~95%	
Protection level	IP55	
Natural cooling	Forced-air cooling	
MTBF	12 months warranty	
Security design	Over/under voltage protection,overlord protection,current leakage protection, grounding protection,over temp protection,lightening surge protection	

# Specifications

Models	BADC-52~262		BADC-52~262		BADC-52~262	
						
<b>Structure Description</b>						
Shell material	sheet meal					
Dimension	800*800*1800(L*W*T)					
Weight	≤350kG					
Installation Method	Floor-stand type					
Cable routing	Bottom inlet wiring,up outlet wiring					
Cable length	5 M					
Charging outlets	Double(CCS2+AC)		Double(CHADEMO+AC)		Double(CCS1+AC)	
Connectivity authorization	RFID, App					
Screen	9.1inch LCD screen/LED light					
<b>Electrical Specification</b>						
AC input voltage	AC380V±15% ,3P+N+PEAC					
input frequency	50Hz/60Hz					
Consumption	≤2W					
Rated power	52kW / 82kW / 112kW / 142kW / 172kW / 202kW / 262kW					
Output voltage range	CCS2: 150 Vdc –1000 Vdc		CHADEMO: 150 Vdc –500 Vdc		CCS1: 150 Vdc –1000 Vdc	
Output current	CCS1: 0~250A AC:0-32A		CHADEMO: 0~125A AC:0-32A		CCS1: 0~250AAC:0-32A	
Efficiency	≥94%					
Power factor	≥0.99(load:100%)					
<b>Functionate design</b>						
User Interface	Emergency stop button,LED indicator,card swiping,touch screen					
Charging stands	IEC61851-1:2011, IEC61851-23:201,EN61851-1:2011;EN61851-23:2014,IEC61851-21-2:2018;EN61000-6-2:2005;					
<b>Communcion</b>						
OCPP	OCPP 1.6					
Network interface	Ethernet/4G					
<b>Environment condition</b>						
Application place	Indoor/Outdoor					
Working latitude	<2000m					
Working temperature	-30℃~+55℃					
Working humidity	5%~95%					
Protection level	IP55					
Natural cooling	Forced-air cooling					
MTBF	12 months warranty					
Security design	Over/under voltage protection,overlord protection,current leakage protection, grounding protection,over temp protection,lightening surge protection					