

Bornet

DC Charging Station

Wall mounted DC Charging Station (30KW)





Load ba incing

More effective connection to the load system;

Features



High convenience

Wall-mounted design, small size, easy to install in various scenarios



High quality

The protection level reaches IP55



Fast charging

DC fast charging with the maximum output current up to 80A



Information visualization

Real-time display of charging details (SOC, voltage, current, charging time, etc.)



Multi-language support

It supports multi-language options, accept anguage customization

Advantages



Multi-standard charging port combination

CCS2, CHAdeMO, GB/T, CCS1 can be combined and customized



High voltage output

Any car-wide voltage ranges from 150v-1000v



Intelligent operation

Not only can be operated on Teison OCPP platform, but also compatible with various OCPP platform connections

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Parameter

BR30-OCPP			
Specification			
	Input Rating	AC380V(±15%) 3ph Wye	
	AC Input Connection	3P+N+PE	
AC Input	Rate Input Current	3 Φ 50A	
•	Frequency	50HZ/60Hz	
	Power Factor	≥0.99	
	Efficiency	≥95%	
	Output Voltage Range	150V-1000V	
	MAx.Output Current	80A(system)	
DC Output	MAx.Output Power	DC30kW	
	Voltage Accuracy	±0.5%	
	Current Accuracy	±1%	
User Interface & Control			
Display	7" touch screen		
Screen Material	LCD	LCD	
Push Buttons	Operation buttons/Emergency buttons		
User Authentication	RFID,OCPP,QR code,Password,Application		
Support language	English (Other languages a	vailable upon request)	
Communication			
External	Ethernet,WIFI,3G/4G		
Internal	CAN,RS485,RS232		
Environmental			
Operating Temperature	-20℃ ~ +55℃ (derating when over 55℃)		
Storage temperature	-40° ~ +70°		
Humidity	<95% relative humidity, non	-condensing	
Altitude	≤2000m(6000 feet)		
Mechanical			
Ingress protection	IP55		
Enclosure Protection	IK10	IK10	
Cooling	Air forced		
Installation Method	Wall-mount		
Protection			
Protection	Over current, Under voltage, Over voltage, Residual current Surge protection, Short circuit, Over temperature, Ground fo		
Regulation			
Certificate	CE		

29 Wall mounted DC Charging Station (40KW)



Features



High quality

Qualified with IEC-61851 Standard



Intelligent management

Supports OCPP 1.6J, remotely monitoring and management



Easy to use

Support plug and play, RFID card, QR code and mobile APP, multiple ways to start

Advantages



Multi-standard charging port combination

CCS2, CHAdeMO, GB/T, CCS1 can be combined and customized



High voltage output

Any car-wide voltage ranges from 150v-1000v



Intelligent operation

Not only can be operated on Teison OCPP platform, but also compatible with various OCPP platform connections



Backstage monitoring

Real-time monitoring of the station status



Load balancing

More effective connection to the load system;

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Parameter

BR40-OCPP Specification		
specification	In much Darkin a	4 00004 (1454) 0 4 144
	Input Rating	AC380V(±15%) 3ph Wye
	AC Input Connection	3P+N+PE
AC Input	Rate Input Current	3Ф66А
	Frequency	50HZ/60Hz
	Power Factor	≥0.99
	Efficiency	≥95%
	Output Voltage Range	150V-750V
DC Output	MAx.Output Current	100A(system)
DC Output	MAx.Output Power	DC40kW
	Voltage Accuracy	±0.5%
	Current Accuracy	±1%
User Interface & Control		
Display	7" touch screen	
Screen Material	LCD	
Push Buttons	Operation buttons/Emergency buttons	
User Authentication	RFID,OCPP,QR code,Passwor	d,Application
Support language	English (Other languages a	vailable upon request)
Communication		
External	Ethernet,WIFI,3G/4G	
Internal	CAN,RS485,RS232	
Environmental		
Operating Temperature	-20℃ ~ +55℃ (derating when over 55℃)	
Storage temperature	−40° ~ +70°	
Humidity	<95% relative humidity, non-condensing	
Altitude	≤2000m(6000 feet)	
Mechanical		
Ingress protection	IP55	
Enclosure Protection	IK10	
Cooling	Air forced	
Installation Method	Wall-mount	
Protection		
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fo	
Regulation		
Certificate	CE	

31 Floor DC Charging Station (60KW-180KW)



Intelligent operation

Not only can be operated on Teison OCPP platform, but also compatible with various OCPP platform connections

• **Backstage monitoring**

Real-time monitoring of the station status

(4) Load balancing

More effective connection to the load system;

Features



High voltage output

The maximum output voltage up to 1000V, satisfy requirements of various types vehicles cover Small car, medium and large bus



High power output

Fast charging with high power output, suitable for large parking lots, residential areas, shopping malls



Intelligent power distribution

Multiple guns charging simultaneously, allocate as needed, every power module works on its own, maximizing the module utilization



High voltage input

380V±15%, Won't stop charging with small voltage fluctuations



Intelligent cooling

Modular heat dissipation design, independent working, the fan works based on station's working condition, low noise pollution

Advantages



Multi-standard charging port combination

CCS2, CHAdeMO, GB/T, CCS1 can be combined and customized



Compact and modular design

60kw up to360kw, customization available



High voltage output

Any car-wide voltage ranges from 150v-1000v

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Model BR60-OCPP Specification Input Rating AC380V(±15%) 3ph Wye **AC Input Connection** 3P+N+PE 3Ф100А Rate Input Current **AC Input** 50HZ/60Hz Frequency **Power Factor** ≥0.99 ≥95% Efficiency 150V-1000V Output Voltage Range MAx.Output Current 200A(system) DC Output DC60kW MAx.Output Power ±0.5% Voltage Accuracy ±1% **Current Accuracy** User Interface & Control Display 7" touch screen Screen Material **Push Buttons** Operation buttons/Emergency buttons **User Authentication** RFID,OCPP,QR code,Password,Application Support language English (Other languages available upon request) Communication Ethernet, WIFI, 3G/4G External CAN,RS485,RS232 Internal Environmental -20° ~ +55° (derating when over 55°) **Operating Temperature** Storage temperature -40℃ ~ +70℃ <95% relative humidity, non-condensing Humidity ≤2000m(6000 feet) Altitude Mechanical IP55 Ingress protection IK10 **Enclosure Protection** Cooling Air forced Installation Method Floor-stand Protection Over current, Under voltage, Over voltage, Residual current, Protection Surge protection, Short circuit, Over temperature, Ground fault Certificate CE IEC-61851,IEC-62196 Standard

Parameter

Parameter

Parameter

Model			
BR90-OCPP			
Specification			
AC Input	Input Rating	AC380V(±15%) 3ph Wye	
	AC Input Connection	3P+N+PE	
	Rate Input Current	3Ф150А	
	Frequency	50HZ/60Hz	
	Power Factor	≥0.99	
	Efficiency	≥95%	
	Output Voltage Range	150V-1000V	
	MAx.Output Current	300A (system)	
DC Output	MAx.Output Power	DC90kW	
	Voltage Accuracy	±0.5%	
	Current Accuracy	±1%	
User Interface & Control			
Display	7" touch screen		
Screen Material	LCD		
Push Buttons	Operation buttons/Emergency buttons		
User Authentication	RFID,OCPP,QR code,Password,Application		
Support language	English (Other languages available upon request)		
Communication			
External	Ethernet,WIFI,3G/4G		
Internal	CAN,RS485,RS232		
Environmental			
Operating Temperature	-20℃ ~ +55℃ (derating when over 55℃)		
Storage temperature	-40℃ ~ +70℃		
Humidity	<95% relative humidity, non	<95% relative humidity, non-condensing	
Altitude	≤2000m(6000 feet)		
Mechanical			
Ingress protection	IP55		
Enclosure Protection	IK10	IK10	
Cooling	Air forced		
Installation Method	Floor-stand		
Protection			
Protection	Over current, Under voltage Surge protection, Short circ	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fau	
Regulation			
Certificate	CE	CE	
Standard	IEC-61851,IEC-62196		

BR120-OCPP			
	Input Rating	AC380V(±15%) 3ph Wye	
	AC Input Connection	3P+N+PE	
AC Input	Rate Input Current	3Φ200A	
•	Frequency	50HZ/60Hz	
	Power Factor	≥0.99	
	Efficiency	≥95%	
	Output Voltage Range	150V-1000V	
	MAx.Output Current	400A(system)	
DC Output	MAx.Output Power	DC120kW	
	Voltage Accuracy	±0.5%	
	Current Accuracy	±1%	
User Interface & Control			
Display	7" touch screen		
Screen Material	LCD		
Push Buttons	Operation buttons/Emergency buttons		
User Authentication	RFID,OCPP,QR code,Passwor	RFID,OCPP,QR code,Password,Application	
Support language	English (Other languages a	English (Other languages available upon request)	
Communication			
External	Ethernet,WIFI,3G/4G		
Internal	CAN,RS485,RS232	CAN,RS485,RS232	
Environmental			
Operating Temperature	-20℃ ~ +55℃ (derating when over 55℃)		
Storage temperature	−40 °C ~ +70 °C		
Humidity	< 95% relative humidity, non	-condensing	
Altitude	≤2000m(6000 feet)		
Mechanical			
Ingress protection	IP55	IP55	
Enclosure Protection	IK10	IK10	
Cooling	Air forced	Air forced	
Installation Method	Floor-stand		
Protection			
Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fo		
Regulation			
Certificate	CE	CE	
Standard	IEC-61851,IEC-62196		



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Parameter

Model BR150-OCPP Specification AC380V(±15%) 3ph Wye Input Rating **AC Input Connection** 3P+N+PE Rate Input Current 3Ф250A **AC Input** 50HZ/60Hz Frequency **Power Factor** ≥0.99 Efficiency ≥95% 150V-1000V Output Voltage Range 500A(system) MAx.Output Current DC Output DC150kW MAx.Output Power ±0.5% Voltage Accuracy ±1% **Current Accuracy** User Interface & Control Display 7" touch screen Screen Material LCD **Push Buttons** Operation buttons/Emergency buttons **User Authentication** RFID,OCPP,QR code,Password,Application Support language English (Other languages available upon request) Communication Ethernet,WIFI,3G/4G External CAN,RS485,RS232 Internal Environmental -20° ~ +55° (derating when over 55°) Operating Temperature -40℃ ~ +70℃ Storage temperature <95% relative humidity, non-condensing Humidity Altitude ≤2000m(6000 feet) Mechanical Ingress protection IP55 **Enclosure Protection** IK10 Air forced Cooling Installation Method Floor-stand Protection Over current, Under voltage, Over voltage, Residual current, Protection Surge protection, Short circuit, Over temperature, Ground fault Regulation CE Certificate IEC-61851,IEC-62196 Standard

Parameter

BR180-OCPP		
Specification	James & Booking or	1000011(170)
	Input Rating	AC380V(±15%) 3ph Wye
	AC Input Connection	3P+N+PE
AC Input	Rate Input Current	3Ф300A
	Frequency	50HZ/60Hz
	Power Factor	≥0.99
	Efficiency	≥95%
	Output Voltage Range	150V-1000V
	MAx.Output Current	600A(system)
DC Output	MAx.Output Power	DC180kW
	Voltage Accuracy	±0.5%
	Current Accuracy	±1%
User Interface & Control		
Display	7" touch screen	
Screen Material	LCD	
Push Buttons	Operation buttons/Emergency buttons	
User Authentication	RFID,OCPP,QR code,Password,Application	
Support language	English (Other languages a	vailable upon request)
Communication		
External	Ethernet,WIFI,3G/4G	
Internal	CAN,RS485,RS232	
Environmental		
Operating Temperature	-20℃ ~ +55℃ (derating when over 55℃)	
Storage temperature	−40°C ~ +70°C	
Humidity	<95% relative humidity, non-condensing	
Altitude	≤2000m(6000 feet)	
Mechanical		
Ingress protection	IP55	
Enclosure Protection	IK10	
Cooling	Air forced	
Installation Method	Floor-stand	
Protection		
Protection	Over current, Under voltage Surge protection, Short circ	, Over voltage, Residual current uit, Over temperature, Ground f
Regulation	···	
Certificate	CE	



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