

DR series

180kW Power Rack DC Fast Charger

Features

- Simultaneously 2 DC Charging
- Up to 500A per output
- Multi-standard: CCS, CHAdeMO and GB/T
- Network or standalone operation
- Support smart charging and load balancing
- Efficiency > 94% ; PF > 0.99(APFC)
- OCPP 1.6 JSON
- Customization available

Applications

- Highway gas/service station
- Parking garage
- Commercial fleet operators
- EV infrastructure operators and service providers
- EV dealer workshops

Model Name		CE, DR 180 Power Rack	UL, DR 180 Power Rack
Picture			
Power Specification			
AC Input	Input Rating	3Φ_380~415Vac (±15%)	3Φ_480Vac (+10%, -15%)
	AC Input Connection	3P+N+PE (Wye configuration), TN/TT/IT	3P+N+PE (Wye configuration), TN/TT
	Max. Input Current	342A	270A
	Frequency	50Hz/60Hz	
	Power Factor	>0.99	
	Efficiency	>94%,at optimize V/I point	
DC Output	Output Voltage Range	• CCS:150~950Vdc • GBT: 150~750Vdc • CHAdeMO:150~500Vdc	
	Max. Output Current	500A	
	Max. Output Power	DC 180kW	
	Voltage Accuracy	±2%	
	Current Accuracy	±2%	
Communication			
External		Ethernet,Wi-Fi,and 4G	
Internal		CAN bus/RS485	
Environmental			
Operating Temperature		-30˚C~50˚C, will derating from 50˚C and above	
Humidity		5%~95% RH, non-condensing	
Altitude		≦ 2000m	
Cooling Method		Fan cooling	
Mechanical			
Cabinet Dimension(W x D x H)		960 x 780 x 1865 mm ±1%	
Weight		≦ 430kg ±3%	
Protection			
Input Protection		OVP, OCP, OPP, OTP, UVP, RCD, SPD	OVP, OCP, OPP, OTP, UVP, SPD
Output Protection		OCP, SCP, OVP, LVP, OTP, IMD	
Regulation			
Certificate of Compliance		IEC 61851-1, IEC 61851-23, IEC 61851-21-2	UL 2202, UL 2594
Safety		TBD	TBD
Charging Interface		CHAdeMO V1.2, DIN 70121, ISO15118, GB/T 27930	