

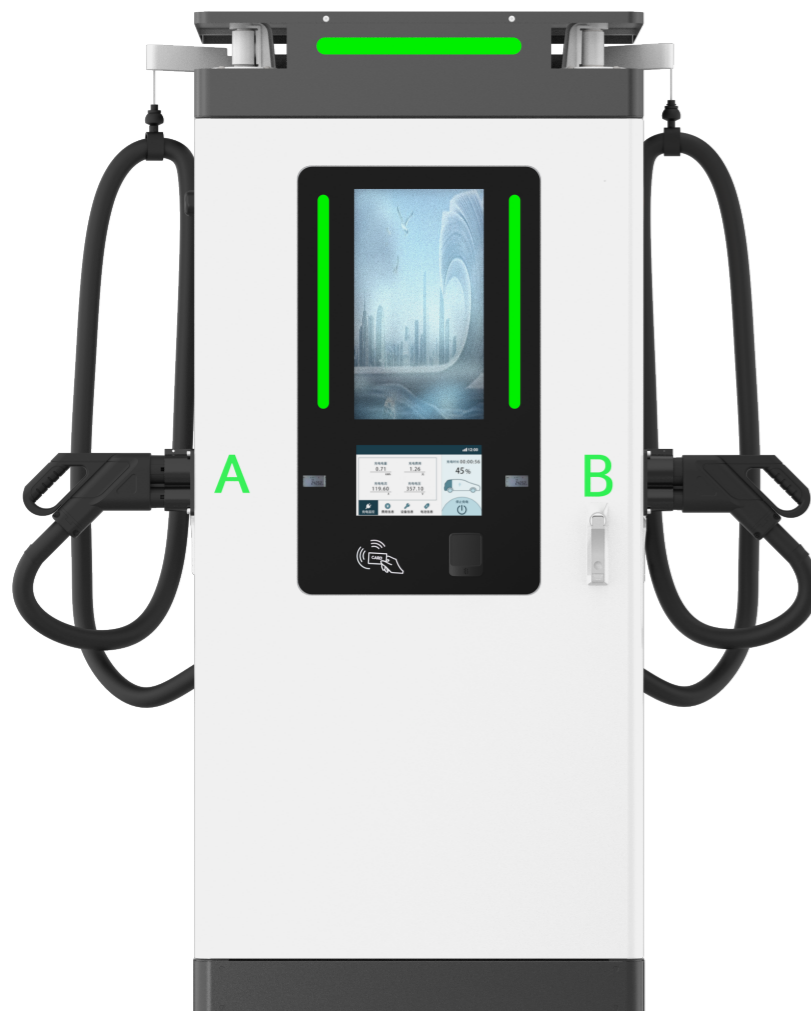
DEF240 Series DC Charger

All-in-one, dual-port DC fast charger.

It's TUV certified, with flexible power from 80KW to 240KW. It includes a high-precision MID energy meter and smart load balancing to ensure fast and safe charging for both ports. With an IP54 rating and multiple electrical protection features, it guarantees reliable performance and user safety under different conditions.

It supports both OCPP 1.6J and 2.0.1, making it perfect for business parks, fleets and public charging stations. It's an ideal choice for your efficient and smart charging solution.

Certified to EU Standards



Fast DC Charging

A single port delivers up to 240KW and supports a wide voltage range from 150V to 1000V. It can reach a peak efficiency of 95% for fast charging.

Flexible Payment Options

It supports RFID cards, QR codes and Plug&Charge, or you can also choose a POS system compliant with PSD2/SCA. It caters to all user preferences.

Built for the Outdoors

The charger has a unique dual-layer coating for durability against salt spray and rust. Satisfying the IP54 rating, it's ready for any weather.

Improved User Experience

It comes with a cable retractor, so you can easily handle heavy cables with just one hand.

Increased Commercial Value

You can add an optional 18.5-inch screen to enhance your station's image and competitiveness. It offers a sustainable dual-revenue stream from both charging and media.

SPECIFICATION

Model No.	DEF240-D80	DEF240-D120	DEF240-D160	DEF240-D200	DEF240-D240
ELECTRICAL SPECIFICATION					
Power Supply	3P+N+PE				
Input Voltage	400VAC±15%				
Input Current Range	Rated 124A	Rated 186A	Rated 248A	Rated 310A	Rated 372A
Input Frequency	50/60Hz				
Input PF	≥0.98				
Total Harmonics of Input Current	≤5%				
Output Voltage Range	150~1000Vdc				
Output Current Range	Max.250A	Max.250A	Max.250A	Max.250A	Max.300A
Maximum Output of Single Port	80KW	120KW	160KW	200KW	240KW
Maximum Efficiency	≥95% (Full Loading)				
Steady Current Accuracy	±1%				
Steady Voltage Accuracy	±0.5%				
CHARGING INTERFACE					
Charging Connector	CCS2 + CCS2				
Charging Cable Length	5m				
USER INTERACTION					
Start Mode	Plug&Charging/QR-Code/RFID Card/APP/Password/POS(Optional)				
LED Indicator	CHARGING/FAULT/POWER status indication				
LCD Display	10.1" Touch Screen, 18.5" Advertising LCD(Optional)				
RFID	ISO14443 Type A&B				
COMMUNICATION					
Network Interface	Ethernet(10/100M Base-T), WiFi(802.11b/g/n 2.4GHz), 4G(Optional)				
OCPP	OCPP1.6J/OCPP2.0.1(Upgradeable)				
Charging Protocol	ISO 15118/DIN 70121				
SAFETY & COMPLIANCE					
Protection	Over/Under Voltage Protection, Short Circuit Protection, Over Temp Protection, Over Load Protection, Leakage Protection, Surge Protection				
Certification Standards	EN IEC 61851-1:2019/EN 61851-23:2014/EN 61851-24:2014				
Certification	CE(TUV)/CB				
ENVIRONMENTAL					
Operating Temperature	-30°C to 50°C				
Storage Temperature	-40°C to 85°C				
Operating Humidity	5%~95% RH, Non-condensing				
Operating Altitude	≤2000m				
Ingress Protection	IP54				
Environmental Conditions	Indoor or Outdoor				
Cooling Mode	Fan Cooling				
Noise	≤65dB(A) at 1m distance @25° C				
Mounting Options	Floor Mounted				
SPECIFICATION					
Package	Wood Case				
Product Dimensions	L*W*H=800mm * 625mm * 1785mm				