

20KW / 30KW / 40KW DC Charging Station

Simple operation, multiple payment methods

Direct card swipe, mobile QR code scanning to start charging.

Easy installation

Wall-mounted / Pillar-type installation.



Technical Specifications

Product Model	V-DC750V /20KW; V-DC750V/30KW; V-DC750V/40KW	
Detailed Specifications	Rated Power	20KW / 30KW / 40KW
Physical Design	Screen Size	5" LCD color touch display
	Installation Type	Wall-mounted / Pillar-type
	Dimensions	470*200*650mm
	Wiring Method	Bottom entry, bottom exit
	Cable Length	3.5m
Environmental Index	Operating Temperature	-25°C ~ 50°C
	Environmental Humidity	5% to 95% non-condensing
	Operating Altitude	< 3000 meters
	Protection Grade	IP54
	Cooling Method	Forced air cooling
	Noise Control	≤ 60dB
	MTBF	100,000 hours

Safety Design

Standards	IEC61851
Emergency Stop Protection	Supported
Overvoltage Protection	Supported
Undervoltage Protection	Supported
Overload Protection	Supported
Short Circuit Protection	Supported
Ground Protection	Supported
Overtemperature Protection	Supported
Low Temperature Protection	Supported
Lightning Strike Protection	Supported
Leakage Protection	Supported
Insulation Monitoring Protection	Supported
Reverse Polarity Protection	Supported
Charging Gun Temperature Detection	Supported

Technical Specifications

Electrical Specifications		Functional Design	
Input Voltage	AC380V± 20%	Human-Machine Interface	5" LCD color touch display, LED indicators
Input Frequency	45~65Hz	Charging Modes	Automatic full charge Fixed quantity Fixed amount
Output Voltage	200~1000V 400~1000V (constant power)	Payment Methods	Fixed time POS card (Credit Card, Debit Card, etc.)
Maximum Output Current	0~100A	Network	2G/3G/4G, Ethernet (optional)
Measurement Accuracy	± 0.1%		
Current Limiting Protection Value	≥110%		
Voltage Stability Accuracy	≤ ± 0.5%		
Current Stability Accuracy	≤ ± 1%		
Ripple Coefficient	≤ ± 0.5%		
Efficiency	≥ 94.5%		
Power Factor	≥ 0.99 (above 50% load)		
Harmonic Distortion (THD)	≤ 5% (above 50% load)		