

# 20KW/30KW Portable DC Charging Station

## Portable

Compact size, lightweight, charge on-the-go.

## Ensures Charging Safety

Features under-voltage, over-voltage protection, leakage protection, short-circuit protection, and lightning strike protection, etc.



## Technical Specifications

<b>Product Model</b>	V-DC/20KW-P; V-DC/30KW-P	
<b>Detailed Specifications</b>	Rated Power	20KW / 30KW
<b>Physical Design</b>	Screen Size	7" LCD color touch display
	Installation Type	Portable
	Dimensions	600*200*400mm
	Wiring Method	Rear entry, Rear exit
	Cable Length	3m
<b>Environmental Index</b>	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		7" LCD color touch display
Input Frequency		45~65Hz	Charging Modes		Automatic full charge
Output Voltage		200~1000V (constant power)			Fixed quantity
Maximum Output Current		0~60A			Fixed amount
Measurement Accuracy		± 0.1%			Fixed time
Current Limiting Protection Value		≥110%	Payment Methods		POS card (Credit Card, Debit Card, etc.)
Voltage Stability Accuracy		≤ ± 0.5%	Network		2G/3G/4G, Ethernet (optional)
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)			