

# 100kw DC Fast Charger Price, EV Charging Station

The 100 kW DC Fast Charger is a high-performance, energy-efficient charging solution designed to deliver rapid charging for electric vehicles (EVs) in public charging stations, commercial fleets, and high-demand areas. With its robust power output, it enables electric vehicles to charge faster, enhancing convenience and reducing downtime.



## Applications:

- **Public Charging Stations**  
Perfect for high-traffic areas like shopping malls, highway rest stops, and urban centers.
- **Commercial Fleets**  
Ideal for charging large fleets of electric buses, taxis, and delivery vehicles, reducing downtime and improving fleet efficiency.
- **Private Charging Locations**  
Suitable for large parking lots, corporate offices, and residential complexes with high EV adoption.

## 100kw DC EV Charger Specification

Parameter	Model	RHDC60K-YJG	RHDC100K-YJG
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Input	Power Supply	3P+N+PE	3P+N+PE
	Input Voltage	400V/AC $\pm$ 15%	400V/AC $\pm$ 15%
	Input Frequency	50/60 Hz	50/60 Hz
	Input PF	$\geq$ 0.98	
	Input Current Total Harmonics	$\leq$ 5%	
	Output Rated Power	60kW	100kW
	Output Rated Voltage	1000V/DC	
Output	Output Rated Current	60A	100A
	Output Voltage Arrange	150-1000V/DC	
	Constant Output Power Voltage Arrange	300-1000V/DC	
	Maximum Current of Each Charging Gun	200A	
	Current Arrange of Each Charging Gun	5-200A	
	Maximum Efficiency	$\geq$ 95%	
	Precision of Steady Current	$\leq$ $\pm$ 1%	
	Precision of Steady Voltage	$\leq$ $\pm$ 0.5%	
	Status Light	LED (Green, Yellow, Red)	
	LCD	7 "Touch LCD Screen	
User Interface	Charging Mode	POS, Scann, Passcode	
	Lenght of Charging Gun Cable	5m	
	PCS Charging Gun	Two	
Communication	LAN	Yes	
	4G-LAN	Yes	
	OCP	OCP1.6	
Protection	Short Circuit Protection	Yes	
	Over Load Protection	Yes	
	Leakage Protection	Yes	
	Over and Under Input Voltage Protection	Yes	
	Over and Under	Yes	

	Output Voltage	
	Protection	
	Output Over Current	Yes
	Standard	IEC 61851-1:2017, IEC 61851-23:2014, EN 61851-24:2014, EN 61851-21-1:2018
	Certificate	CE
	Operating Temperature	-20°C ~ +55°C
	Storage Temperature	-40°C ~ +85°C
Environmental	Relative Humidity	≤95% Dew Free
	Altitude	≤2000m
	Environmental Conditions	Indoor or Outdoor
	Cooling Mode	Air Cooling (Independent Air Duct)
	Sound Volume	≤65dB
	IP	IP65
Others	Electric Energy Measurement	1.0 Accuracy Grade
	Installation	Pole-mount
	Production Dimension	1780*800*950 mm (H*W*D)
	Net Weight	390kg                      420kg
	Package	Wooden box Package

The **100 kW charger** can charge most EVs to 80% in approximately 30-40 minutes, providing an efficient and quick turnaround for drivers on the go. Whether you're at a highway rest stop or a busy urban charging station, this charger minimizes waiting times and maximizes convenience.

## High Efficiency, Low Operational Cost

Equipped with DC fast charging technology, this charger achieves high efficiency with a maximum efficiency of 95%, ensuring low energy loss during the charging process. Its robust build and efficient operation help reduce operational costs over time.

## Compatible with Various EV Models

The **100 kW DC charger** supports multiple EV models and charging standards, including CCS2 and CHAdeMO, ensuring compatibility with a wide range of electric vehicles. Whether you're charging a sedan, SUV, or a larger electric fleet vehicle, this charger delivers reliable and quick results.

## Weather-Resistant & Durable Design

Designed for both indoor and outdoor installations, this charger is equipped with an IP65-rated enclosure, making it dustproof and water-resistant, perfect for harsh weather conditions, including high humidity and extreme temperatures.

## Smart Charging Features

The **100 kW EV charger** features built-in smart communication protocols like OCPP 1.6 and remote monitoring, enabling operators to track usage, schedule maintenance, and manage energy efficiently.

## Sustainable and Future-Proof

With its compliance with global safety standards, such as IEC 61851-1:2017 and IEC 61851-23:2014, the **100 kW DC fast charger** is a future-proof investment, ready to support evolving EV technology for years to come.