

DRD U-series (US Standard) DC Fast EV Charging Station



Glory mark DC fast charging station can be equipped with 1 or 2 connectors , output power from 40kw to 160 kw . It can quickly connect your EV , and charge to 80% or more in about 30 minutes.

Our DC fast chargers are compatible with all types of Electric Vehicles currently on the market with GB / T plug standard



Features



- HMI : 7-inch LCD touchable screen
- Emergency stop function
- Safe and reliable , with multiple fault protection
- Charging module separated from control system , stable and sare performance
- Multiple module output in parallel, flexible configuration and easy maintenance
- Constant power module and smart power allocation , high charging efficiency
- Charging gun disconnected detection ensures safe charging
- All the control system can be remotely or locally upgraded



Specification of Glory Mark DRD U-series DC Fast EV Charging Station

Power Specification					
Main Standard	UL2202 UL2231-1 UL2231-2 SAE J1772				
AC Power Input Rating	480 V, 60 HZ				
Power Wiring	3-Phase				
DC Voltage Output	200 ~ 750VDC				
Charging Gun	SAE J1772				
DC Power Output Rating	40kW	60kW	80kW	120kW	160kW
The Maximum Output Current	100A-max	150A-max	200A-max	200A-max	250A-max
PF (Power Factor)	≥98% (@50% ~ 100% full load output power)				
THD-I	≤5%				
Peak Efficiency	≥96% (@750V, 50% ~ 100% full load, rated input Voltage)				
Voltage Stabilized Accuracy	<0.5%				
Current Stabilized Accuracy	<±1%				
Output Voltage Error	±0.5%				
Output Current Error	≤±1% (when output current ≥ 30A); ≤±0.3A (when output current < 30A)				
Ripple Factor	≤±0.5%(RMS)				
Electric energy measurement method	Measuring DC output electric energy				
Auxiliary Power Supply	120W, 12/24 VDC switchable				
Connector Mechanical Operating Life	≥10000 times				
User Interface & Control					
Charging Control	Plug and Play or RFID Card				
Human-Machine Interface	7-inch LCD Touchable Screen				
Indicators	4 LED indicators-Power/ Fault / Charging A / Charging B				
External Communication	Either ethernet				
OCPP Protocol (Optional)	OCPP 1.6				
Environmental					
Storage Temperature	-40 to 75°C ambient, derating output in 50~55°C				
Operating Temperature	-20 to 55°C ambient				
Operating Humidity	Up to 95% non-condensing				
Altitude	≤2000m				
Cooling Method	Forced air cooling				
Protection					
Over Voltage Protection	Yes	Short Circuit Protection		Yes	
Over Load Protection	Yes	Ground Protection		Yes	
Over-temp Protection	Yes	Surge Protection		Yes	
Under Voltage Protection	Yes	Emergency Stop		Yes	
Mechanical					
Protection Ratings	IP 54				
Equipment Dimension (H×W×D,)	1800mm × 700mm × 600mm				
Equipment Weight	≤ 320kg				
Enclosure Material	Metal				
Color	RAL 7032 (Grey)				

