

RENOVA

RCD Group



RENOVA DC Flare (ETL)

- Wall or Pedestal Mounted
- Three Phase AC Power Input Without Neutral
- OTA Update
- Smart Charge with Dynamic Load Management
- CCS1 & NACS Connectors


Model	R-EVC/D040	R-EVC/D060
Power Output Specification		
Maximum Output Power	40kW	60kW
Output Voltage	DC200 ~ 1000V	
Maximum Output Current	125A	200A
Connector Type	CCS1 or NACS	
Power Measurement Accuracy	Level1.0	
Power Input Specification		
Input Voltage	AC480V±15% (3P+PE)	
Maximum Input Current	49A	73A
Frequency	45 ~ 65Hz	
Standby Power	<0.05%	
Power factor	≥ 0.99 (Full Load)	
Efficiency	> 94%	
THD	≤ 5%	
User Interface Specification		
Status Indication	7" Touch Screen	
User Authentication	APP, RFID Card, Plug and Charge (ISO15118), QR code, Credit card	
User Interface	RENOVA Charge APP, RENOVA Charge Cloud	
Payment	QR code, App, Contact-less/ Magnetic EMV Credit Card	
Network Specification		
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G, CAN, RS485	
Communication Protocol	OCPP 1.6J (Can Be Upgraded To OCPP 2.0.1 Later)	
Operational Specification		
Dimensions (H×W×D)	Charger body 41.3*25.6*5.9 inch (1050*650*150mm) Pedestal 78.7*15.7*5.9 inch (2000*400*150mm)	
Charger Body Weight	230 lbs (104 kg)	254 lbs (115 kg)
Enclosure Rating	NEMA 3R, IK10 (IK08 for the screen)	
Charging Cable Length	16ft (5m), 25ft (7.6m) (Optional)	
Mounting Type	Wall or Pedestal Mounted	
Operating Temperature	-22°F to 122°F (-30°C to 50°C)	
Storage Temperature	-40°F to 185°F (-40°C to 85°C)	
Relative Humidity	5% to 95%	
Altitude	≤ 6560ft (≤ 2000m)	
Cooling Method	Intelligent air cooling	
Noise	≤ 65dB	
Protection Specification		
Electrical Protection	Under-Voltage Protection, Over-Voltage Protection, Over Load Protection, IMD, SPD, Short Circuit Protection, Over-Temperature Protection	
Other Protections	Moisture-proof, mildew-proof, salt spray-proof	
Regulation Specification		
Standards	UL 2202, UL 2231, FCC Part 15B, DIN 70121, ISO 15118, CSA C22.2 NO.346	
Certification	ETL, FCC, Energy Star, CTEP	

Specifications are continuously updated; please refer to the latest version.

V2.1.1



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