



RENOVA DC Flare V2.0 (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	Level 1.0	
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	
P a y m e n t	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 43.3*27.6*7.9 inch (1100*700*200mm) Pedestal 78.7*15.7*5.9 inch (2000*400*150mm)	
Charger Body Weight	256lbs(116kg)	280lbs(127kg)
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."

V2.1.2



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