

# 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
<b>Power Output Specification</b>		
Maximum Output Power	40kW	60kW
Output Voltage	DC200 ~ 1000V	
Maximum Output Current	125A	200A
Connector Type	CCS1 or NACS	
Power Measurement Accuracy	Level1.0	
<b>Power Input Specification</b>		
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%	
<b>User Interface Specification</b>		
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	
<b>Network Specification</b>		
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G, CAN, RS485	
Communication Protocol	OCPP 1.6J (Can Be Upgraded To OCPP 2.0.1 Later)	
<b>Operational Specification</b>		
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	256 lbs (116 kg)	280 lbs (127 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	
<b>Protection Specification</b>		
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	
<b>Regulation Specification</b>		
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.\*

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