

# RENOVA

RCD Group



## RENOVA Flare(CE)

- OCPP1.6J enables back end system integration
- APP, RFID card, credit card, plug & charge
- Remote management by built-in network connectivity
- Cellular, Ethernet, and Wi-Fi for communication
- Over the air updates(OTA)
- Dynamic load balancing
- Compliance to CCS2
- Wall or stand installation

Model	R-EVC/D030/S/C		R-EVC/D040/S/C	R-EVC/D060/SS/C	R-EVC/D080/SS/C
			R-EVC/D040/SS/C		
<b>Power Output Specification</b>					
Maximum Output Power	30kW		40kW	60kW	80kW
Output Voltage	DC150 ~ 1000V				
Maximum Output Current	125A		125A	200A	200A
Connector Type	CCS2×1		CCS2×1/CCS2×2	CCS2×2	CCS2×2
Power Measurement Accuracy	1.0				
<b>Power Input Specification</b>					
Input Voltage	AC400V ± 10% (3P+N+PE)				
Rated Input Current	43A		58A	87A	116A
Frequency	50/60Hz				
Standby Power Consumption	< 0.05%				
Power factor	≥ 0.99 PFC (50% load or above)				
Efficiency	> 95% at full load				
THD	≤ 5%				
<b>User Interface Specification</b>					
Status Indication	LED, APP, Screen (10.1- inch color touchscreen)				
User Authentication	RFID, APP, QR Code				
User Interface	RENOVA Charge APP, RENOVA Charge Cloud				
Payment	QR code, Contactless / Magnetic/ EMV Credit Card				
<b>Network Specification</b>					
Connectivity	Bluetooth, WiFi, Ethernet, 4G, CAN, RS485				
Communication Protocols	OCPP 1.6J (Can Be Upgraded To OCPP 2.0.1 Later)				
Remote Management	Remote access, Diagnostics, Over-the-Air (OTA) software update enabled				
Dynamic Load Management	Included				
<b>Operational Specification</b>					
Dimensions (W×D×H)	1115*300*2125mm				
Weight	255 kg				
Enclosure Rating	IP55 / IK10 (Screen IK08)				
Charging Cable Length	5m; 7.62m (Optional)				
Mounting Type	Wall or Floor mount				
Operating Temperature	-30°C to 50°C				
Storage Temperature	-40°C to 70°C				
Relative Humidity	5% to 95%				
Altitude	≤ 2000m				
Cooling Method	Fan cooling				
<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	EN IEC 61851-1:2019, EN 61851-23:2014, EN 61851-24:2014, EN IEC 62311:2020, EN 62479:2010, EN IEC 61851-21-2:2021, EN 301489-1 V 2.2.3:2019, EN 301489-3 V2.3.2:2023, EN 301489-17 V 3.3.1:2024, EN 301489-52 V1.3.1:2024, EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019, EN 300330 V 2.1.1:2017, EN 300328 V 2.2.2:2019, EN 301908-1 V 15.2.1:2023, EN 301908-13 V 13.2.1:2022				
Certification	CE, CB, UKCA				

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

V2.1.2



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