

RENOVA

RCD Group



RENOVA DC Phoenix (CE)

- OCPP1.6J/ 2.0.1
- APP, RFID Card, Credit Card, QR Code
- 15.6-inch Touchscreen Display
- Dynamic Load Management
- Maintenance via Bluetooth App
- CPMS API Expansion Capability
- Plug & Charge (ISO15118)
- OTA via Linux-based System

Model	R-EVC/D120/SS/X/A	R-EVC/D180/SS/X/A	R-EVC/D240/SS/X/A	R-EVC/D300/SS/X/A
Power Output Specification				
Maximum Output Power	120kW (30kW*4)	180kW (30kW*6)	240kW (30kW*8)	300kW (30kW*10)
Output Voltage	DC150 ~ 1000V			
Maximum Output Current	200A / 300A / 350A / 400A			
Connector Type	CCS2			
Power Measurement Accuracy	1.0			
Power Input Specification				
Input Voltage	AC400V ± 10% (3P+N+PE)			
Rated Input Current	173A	260A	347A	433A
Frequency	50/60Hz			
Standby Power Consumption	< 0.05%			
Power factor	≥ 0.99 PFC (50% load or above)			
Efficiency	> 95% at full load			
THD	≤ 5%			
User Interface Specification				
Status Indication	LED, APP, Screen (15.6 Inch LCD)			
User Authentication	RFID, APP, QR Code			
User Interface	RENOVA Charge APP, RENOVA Charge Cloud			
Payment	QR code, Contactless / Magnetic EMV Credit Card			
Network Specification				
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			
Operational Specification				
Dimensions (W×D×H)	1211*1000*2166 mm			
Weight	≤ 680 kg			
Enclosure Rating	IP55 / IK10 (Screen IK08)			
Charging Cable Length	5m; 7.62m (Optional)			
Mounting Type	Floor type			
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			
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	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			

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

V2.1.2



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