

# RENOVA

RCD Group



## RENOVA-Elara-600~960kW(CE)

- Supports to 12 connectors per power cabinet
- CCS2 for dual-port charging
- Built-in Ethernet, 4G, WiFi, or Bluetooth
- Compact design
- Remote management for OTA and maintenance
- CPMS API expansion capability


Model	R-EVC/D960P/SS25/G	R-EVC/D800P/SS25/G	R-EVC/D720P/SS25/G	R-EVC/D600P/SS25/G
<b>Power Output Specification</b>				
Maximum Output Power	960kW (40kW*24)	800kW(40kW*20)	720kW(40kW*18)	600kW(40kW*15)
Output Voltage range	DC150 ~ 1000V			
Output Current Range	250A/300A/350A/400A/600A			
Connector Type	CCS2*2 (Maximum support for 12 connectors)			
Power Measurement Accuracy	± 1%			
<b>Power Input Specification</b>				
Input Voltage	AC400V±%10(3P+N+PE)			
Rated Input Current	1386A	1155A	1040A	866A
Frequency	50-60Hz			
Standby Power	<0.05% (the rated output power of whole machine)			
Power factor	≥0.99 PFC (Half load above)			
Efficiency	>95% at full charge			
THD	≤5%			
<b>User Interface Specification</b>				
Status Indication	LED, APP, Screen (7.0 Inch LCD)			
User Authentication	RFID, APP, QR code, Plug and Charge, Credit Card			
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, PLC			
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(H×W×D)	Power Cabinet: 1200*2400*2065mm Dispenser: 800*325*1830mm			
Weight	Power Cabinet: 1840kg maximum Dispenser: 91kg			
Enclosure Rating	IP55, IK10			
Charging Cable Length	5m (7.6m optional)			
Mounting Type	Floor type			
Operating Temperature	-30°C~50°C			
Storage Temperature	-40°C~+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/AC:2016-06, EN IEC 61851-21-2:2021, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019/A1:2021/A2:2024, EN 61000-3-3:2013/A1:2019/A2:2021/AC:2022-01, EN IEC 61000-6-1:2019			
Certification	CE, UKCA			

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

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