

RENOVA

RCD Group



RENOVA Elara 240~480kW (CE)

- Supports to 6 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/D480P/SS25/G	R-EVC/D400P/SS25/G	R-EVC/D360P/SS25/G	R-EVC/D320P/SS25/G	R-EVC/D240P/SS25/G
Power Output Specification					
Maximum Output Power	480kW(40kW*12)	400kW(40kW*10)	360kW(40kW*9)	320kW(40kW*8)	240kW(40kW*6)
Output Voltage range	DC150 ~ 1000V				
Output Current Range	250A/300A/350A/400A/600A				
Connector Type	CCS2 (Maximum support for 6 connectors)				
Power Measurement Accuracy	± 1%				
Power Input Specification					
Input Voltage	AC400V±%10(3P+N+PE)				
Rated Input Current	730A	608A	547	486A	365A
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%				
User Interface Specification					
Status Indication	LED, APP, Screen (7.0 Inch LCD)				
User Authentication	RFID, APP, QR code, Plug and Charge				
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(H×W×D)	Power Cabinet: 1200*1200*2065mm Dispenser: 800*325*1830mm				
Weight	Power Cabinet: 595kg 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				
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/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."

V2.1.2



 Renova RCD group

 +86-755-26063416

 renova-europe@sz-rcd.com

 www.rcd-energy.com

 Lütticher Straße 132, Room 5.01, 40547 Düsseldorf

 12257 Florence Ave, Santa Fe Springs, CA 90670