

# RENOVA

RCD Group



## RENOVA Matrix (CE)

- OCPP 1.6J enables back end system integration
- APP, RFID card, credit card
- Remote management by built-in network connectivity
- IP55 rated and stand installation
- Cellular, Ethernet, and Wi-Fi for communication
- Over the air updates(OTA)
- Up to 22kW\*2 of output power
- 10.1-inch color touchscreen


Model (EU)	R-400/16*2-22kW-ODZYB R-400/16*2-22kW-ODQYB	R-400/32*2-44kW-ODZYB R-400/32*2-44kW-ODQYB
Model (UK)	R-400/16*2-22kW-YDZYB R-400/16*2-22kW-YDQYB	R-400/32*2-44kW-YDZYB R-400/32*2-44kW-YDQYB
<b>Power Output Specification</b>		
Output Voltage	AC 400V	
Maximum Output Power	11*2 kW	22*2 kW
Maximum Output Current	16*2A	32*2A
Connector Type	IEC 62196 Type 2 Socket/ Cable	
Power Measurement Accuracy	Class1.0	
<b>Power Input Specification</b>		
Input Voltage	AC400V±10% (3P+N+PE)	
Frequency	50/ 60Hz	
Standby Power	≤15W	
Input Cord	Hardwired	
<b>User Interface Specification</b>		
Status Indication	LED/ APP/ Screen (10.1 Inch LCD)	
User Authentication	APP, RFID Card, Plug and charge	
User Interface	RENOVA charge APP, RENOVA charge Cloud, Credit card	
Payment	QR code, Contactless/ Magnetic/ EMV Credit Card	
<b>Network Specification</b>		
Connectivity	Bluetooth, Wi-Fi, Ethernet; 4G(Optional)	
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	Optional	
<b>Operational Specification</b>		
Dimensions(H×W×D)	1600*600*245mm	
Weight	83.5kg (Socket outlet) 85.0kg (5m Cable connector)	
Enclosure Rating	IP55/ IK10	
Charging Cable Length	5m; 7.62m(Optional)	
Mounting Type	Floor type	
Operating Temperature	-30°C~50°C	
Storage Temperature	-40°C~70°C	
Relative Humidity	5% to 95%	
Altitude	≤2000m	
<b>Protection Specification</b>		
Ground Fault Detection	30mA Type A+ 6mA DC	
Electrical Protection	Leakage, over-voltage, under-voltage, overload, grounding, over-temperature	
Other Protections	Moisture-proof, mildew-proof, salt spray-proof	
<b>Regulation Specification</b>		
Standards	EN 300328 V 2.2.2:2019, EN 300330 V 2.1.1:2017, EN 301489-1 V 2.2.3:2019, EN 301489-3 V2.3.2:2023, EN 301489-17 V 3.2.4:2020,EN 301489-52 V 1.2.1:2021, EN 301908-1 V 15.2.1:2023, EN 301908-13 V 13.2.1:2022, EN IEC 62311:2020, BS EN IEC 61000-6-1:2019, BS EN IEC 61000-6-3:2021, BS EN IEC 61851-1:2019,BS EN IEC 61851-21-2:2021	
Certification	CB, CE, Eichrecht, 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