

RENOVA

RCD Group



RENOVA Lunar(CE)

- OCPP 1.6J back-end system Integration
- APP, RFID, Plug & Charge (Free)
- Remote management
- Cellular, Ethernet, and Wi-Fi for communication
- Over-the-air updates (OTA)
- Complete control with mobile app
- Wall or pedestal mounted


Model	R-230/32-7.4kW-OSQNC	R-400/16-11kW-OSQNC	R-400/32-22kW-OSQNC
Power Output Specification			
Output Voltage	230V AC	400V AC	
Maximum Output Power	7.4kW	11kW	22kW
Maximum Output Current	32A	16A	32A
Connector Type	IEC 62196 Type 2 Cable		
Power Measurement Accuracy	Class 1.0		
Power Input Specification			
Input Voltage	AC 230V / 1P+N+PE	AC 400V / 3P+N+PE	AC 400V / 3P+N+PE
Frequency	50Hz/60Hz		
Standby Power	<5W		
Input Cord	Hardwired		
User Interface Specification			
Status Indication	LED, APP		
User Authentication	APP, RFID Card, Plug and Charge		
User Interface	RENOVA Charge APP, RENOVA Charge Cloud		
Payment	APP, Contactless Card		
Network Specification			
Connectivity	Wi-Fi, Ethernet, Bluetooth; 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		
Operational Specification			
Dimensions (H x W x D)	350 mm x 200 mm x 120 mm		
Weight	5.0kg	7.0kg	7.0kg
Enclosure Rating	IP55 / IK08		
Charging Cable Length	5m; 7.6m (Optional)		
Mounting Type	Wall or Pedestal mount		
Operating Temperature	-30°C ~ +50°C		
Storage Temperature	-40°C ~ +70°C		
Relative Humidity	5% to 95%		
Altitude	≤ 2000m		
Protection Specification			
Ground Fault Detection	30mA Type A+ 6mA DC		
Electrical Protection	Earth Leakage, over-voltage, under-voltage, overload, over-temperature		
Other Protections	Moisture-proof, mildew-proof, salt spray-proof		
Regulation Specification			
Standards	IEC 61851-1:2017, EN 61851-1:2019, EN IEC 62311:2020, EN IEC 61000-6-1:2019, EN IEC 61000-6-3:2021 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 V 2.1.1:2019 EN 301489-17 V 3.2.4:2020, EN 301489-52 V 1.2.1:2021, EN 301908-1 V 15.1.1:2021, EN 301908-13 V 13.2.1:2022		
Certification	CB, CE (LVD EMC RED), SASO		

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

V2.1.2



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