

RENOVA

RCD Group



RENOVA Dawn(CE)

- OCPP 1.6J enables back end system integration
- APP, RFID, QR code
- Remote management by built-in network connectivity
- IP55 and wall or pedestal mount
- Cellular, Ethernet, and Wi-Fi for communication
- Over the air updates(OTA)
- 4.3-inch color touchscreen
- Low standby power consumption(<5W)

Model	R-400/16-11kW-OSQYD	R-400/32-22kW-OSQYD
Power Output Specification		
Output Voltage	400V AC	
Maximum Output Power	11kW	22kW
Maximum Output Current	16A	32A
Connector Type	IEC 62196 Type 2 Cable/ Socket	
Power Measurement Accuracy	Class 1.0	
Power Input Specification		
Input Voltage	AC 400V±10%(3P+N+PE)	
Frequency	50/ 60Hz	
Standby Power	<5W	
Input Cord	Hardwired	
User Interface Specification		
Status Indication	LED/ APP/ Touch Screen (4.3 Inch LCD)	
User Authentication	APP, RFID Card, Plug and Charge	
User Interface	RENOVA charge APP, RENOVA charge Cloud	
Payment	APP, QR code, Contactless Card	
Network Specification		
Connectivity	Wi-Fi, Bluetooth, 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	
Operational Specification		
Dimensions(H×W×D)	400*250*160mm	
Weight	5.3kg	
Enclosure Rating	ABS+PC material, IP55/ IK08	
Charging Cable Length	5m; 7.62m(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	Leakage, over-voltage, under-voltage, overload, grounding, over-temperature	
Other Protections	Moisture-proof, mildew-proof, salt spray-proof	
Regulation Specification		
Standards	EN IEC 61851-1:2019, EN 61851-22:2002, EN IEC 61000-6-3:2021, EN IEC 61000-3-2:2019/A1:2021, EN 61000-33:2013/A1:2019, EN IEC 61000-6-1:2019	
Certification	CE	

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

V2.1.2



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