

# RENOVA

RCD Group



## RENOVA Halo(CE)

- OCPP 1.6J enables back end system integration
- APP, RFID, plug & charge
- Remote management by built-in network connectivity
- IP55 and wall or pedestal mount
- Bluetooth, Ethernet, and Wi-Fi for communication
- Over the air updates(OTA)
- Complete control with mobile app
- Adjustable operating current

Model (EU)	R-230/32-7.4kW-OSZNA R-230/32-7.4kW-OSQNA	R-400/16-11kW-OSZNA R-400/16-11kW-OSQNA	R-400/32-22kW-OSZNA R-400/32-22kW-OSQNA
Model (UK)	R-230/32-7.4kW-YSZNA R-230/32-7.4kW-YSQNA	R-400/16-11kW-YSZNA R-400/16-11kW-YSQNA	R-400/32-22kW-YSZNA R-400/32-22kW-YSQNA
<b>Power Output Specification</b>			
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 Socket/Cable		
Power Measurement Accuracy	Class 1.0		
<b>Power Input Specification</b>			
Input Voltage	AC 230V±10% (1P+N+PE)	AC 400V±10% (3P+N+PE)	AC 400V±10% (3P+N+PE)
Frequency	50/ 60Hz		
Standby Power	<5W		
Input Cord	Hardwired		
<b>User Interface Specification</b>			
Status Indication	LED, APP		
User Authentication	APP, RFID Card, Plug and Charge		
User Interface	RENOVA charge APP, RENOVA charge Cloud		
Payment	AP, Contactless 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)	370*210*143mm		
Weight	2.87kg (Socket outlet) 4.3kg (5m Cable connector)	3.5kg (Socket outlet) 5.0kg (5m Cable connector)	3.5kg (Socket outlet) 5.0kg (5m Cable connector)
Enclosure Rating	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		
<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 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, EN IEC 61000-6-1:2019, EN IEC 61000-6-3:2021, EN IEC 61851-1:2019, EN IEC 61851-21-2:2021, EN IEC 62311:2020		
Certification	CB, CE RED, TUV Mark, UKCA RED		

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

V2.1.2



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