

RENOVA

RCD Group



RENOVA Vega(CE)

- Dual-gun charging, on-demand power distribution
- Dynamic CC/CV adjustment per BMS limits
- Full-range detection (I/O, IC card, status, fault)
- Ethernet, RS485, CAN and GPRS for communication
- Auto & manual charging
- HMI: Manual control & display
- Reader equipped, M1/CPU compatible
- Lightning-proof & insulated, system-safe

Model	RCD-DC-60kW-2-ESF	RCD-DC-120kW-2-ESF
Power Output Specification		
Maximum Output Power	60kW	120kW
Output Voltage	DC150 ~ 1000V	
Maximum Output Current	200A	
Connector Type	CCS2	
Power Measurement Accuracy	1.0	
Power Input Specification		
Input Voltage	AC400V ± 10% (3P+N+PE)	
Rated Input Current	87A	173A
Frequency	50/60Hz	
Standby Power Consumption	< 0.05%	
Power factor	≥ 0.99 PFC (50% load or above)	
Efficiency	> 95% at full load	
THD	≤ 5%	
User Interface Specification		
Status Indication	LED, APP, Screen (7- inch color touch LCD screen)	
User Authentication	RFID, APP	
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 (W×D×H)	800*550*1700mm	
Weight	200kg	300kg
Enclosure Rating	IP54 / IK10 (Screen IK08)	
Charging Cable Length	5m; 7.62m (Optional)	
Mounting Type	Floor type	
Operating Temperature	-30°C to 50°C	
Storage Temperature	-40°C to 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	ETSI EN 301 489-1 V2.2.3 (2019-11), ETSI EN 301 489-3 V2.3.2 (2023-01), EN 62479:2010, ETSI EN 301 908-1 V11.1.1 (2016-07), ETSI EN 301 908-2 V11.1.2 (2017-08), EN 62368-1:2020/AC:2020-05	
Certification	CE	

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

V2.1.2



Renova RCD group

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