

# RENOVA

RCD Group



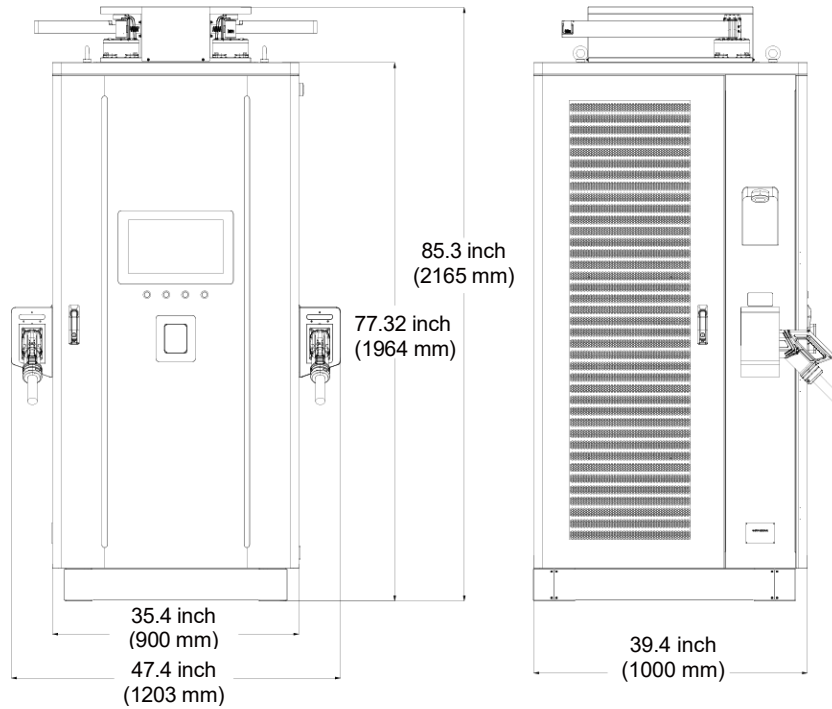
## RENOVA DC Phoenix (ETL)

- OCPP1.6J/ 2.0.1
- Three Phase AC Power Input Without Neutral
- 15.6-inch Touchscreen Display
- Dynamic Load Management
- Maintenance via Bluetooth App
- CPMS API Expansion Capability
- Plug & Charge (ISO15118)
- OTA via Linux-based System

Model	R-EVC/D120	R-EVC/D180	R-EVC/D240	R-EVC/D300
<b>Power Output Specification</b>				
Maximum Output Power	120kW (30kW*4)	180kW (30kW*6)	240kW (30kW*8)	300kW (30kW*10)
Output Voltage	DC150 ~ 1000V			
Maximum Output Current	385A (CCS1) / 400A (NACS)			
Connector Type	CCS1/ NACS, Cable			
Power Measurement Accuracy	DC meter measurement (level 1.0)			
<b>Power Input Specification</b>				
Input Voltage	AC480V ± 15% (3P+PE)			
Maximum Input Current	361A			
Frequency	60Hz			
Standby Power Consumption	< 0.05%			
Power factor	≥ 0.99 PFC (50% load or above)			
Efficiency	> 95% at full load			
THD	≤ 5%			
<b>User Interface Specification</b>				
Status Indication	LED, APP, Screen (15.6 Inch LCD)			
User Authentication	RFID, APP, QR code, Plug and Charge (ISO15118)			
User Interface	RENOVA Charge APP, RENOVA Charge Cloud			
Payment	QR code, Contactless / Magnetic EMV Credit Card			
<b>Network Specification</b>				
Connectivity	PLC, 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			
<b>Operational Specification</b>				
Enclosure Rating	NEMA 3R			
Charging Cable Length	16ft (5m), 25ft (7.6m) (Optional)			
Mounting Type	Floor type			
Operating Temperature	-22°F to 122°F (-30°C to 50°C)			
Storage Temperature	-40°F to 185°F (-40°C to 85°C)			
Relative Humidity	5% to 95%			
Altitude	≤ 6560ft (≤ 2000m)			
Cooling Method	Fan cooling			
<b>Protection Specification</b>				
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			
<b>Regulation Specification</b>				
Standards	UL 2202, UL 2231, FCC Part 15B, DIN 70121, ISO 15118, CSA C22.2 No.346			
Certification	ETL, FCC, CTEP, Energy Star			

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

# DIMENSIONS



# PACKAGE

Model	Wooden Box Size	Qty / Wooden Box	Net Weight / Box	Gross Weight / Box
EVC/D120	2375*1290*1170 mm (93.5*50.8*46.1 inch)	1 PCS	715 kg (1576 lbs)	792 kg (1746 lbs)
EVC/D180			750 kg (1653 lbs)	827 kg (1823 lbs)
EVC/D240			785 kg (1731 lbs)	862 kg (1900 lbs)
EVC/D300			820 kg (1808 lbs)	897 kg (1978 lbs)

Tolerance of Carton Size: ± 15 mm (± 0.59 inch). Tolerance of Weight: ±10%.

