

RENOVA

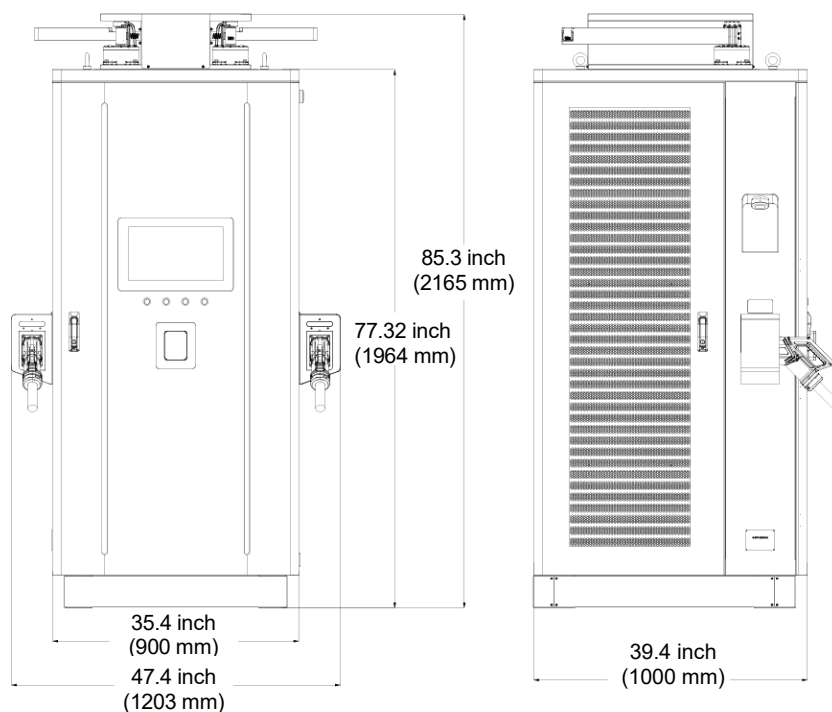


RENOVA DC Phoenix (ETL)

- 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
Power Output Specification				
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)			
Power Input Specification				
Input Voltage	AC480V ± 15% (3P+PE)			
Maximum Input Current	156A	233A	311A	388A
Frequency	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 (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			
Network Specification				
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			
Operational Specification				
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			
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	UL 2202, UL 2231, FCC Part 15B, DIN 70121, ISO 15118, CSA C22.2 No.346			
Certification	ETL, FCC, CTEP, Energy Star			

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: $\pm 10\%$.

