

Boutique EV charging solutions



Datasheet for the  
Rhino DC Charger

**FARADAY**

# RHINO DC CHARGER



## Leader of the fleet.

A floor-standing DC charger that delivers big power. Ideal for commercial and government fleet operations.



## Modular, secure, and safe.

A modular design that streamlines hardware maintenance, an anti-theft lock that requires special tooling to deter would-be troublemakers, and an integrated residual current device to keep your users safe.



## Rugged.

Prepared for rough operating environments with an internal fan cooling system and standard IP55.



## Balance with ease.

Ready to integrate with a building management system or charger management system for static or dynamic load balancing to maximize the efficiency of your local grid.

# RHINO DC CHARGER

## TECHNICAL SPECIFICATIONS

MODEL	F3006	F3007	F3008	F3009
<b>POWER OUTPUT</b>				
Max Output Power (kW)	90	120	180	240
Output Voltage Range (VDC $\pm 0.5\%$ )	150 - 1000			
Max Output Current (A $\pm 1\%$ )	300	400	600	800
<b>POWER INPUT</b>				
Current Rating (A)	150	200	300	400
Voltage Rating (VAC $\pm 15\%$ )	380			
Phases	3P + N + PE			
Frequency (Hz)	50/60			
<b>USER INTERFACE</b>				
Outlets	Two CCS2 or one CCS2, one CHAdeMO, and one Type-2 AC			
Cable Length	6 meters (or customizable)			
LCD Display	7 inch color touch screen			
User Authentication	Plug & Play, RFID token, password, or remote			
<b>COMMUNICATION</b>				
Open Charge Point Protocol	1.6J			
Network Gateway	Wi-Fi, Ethernet, 3G/4G, and RS-485/MODBUS			
<b>PROTECTION</b>				
Energy Meter	Yes			
Emergency Stop Button	Yes			
Residual Current Protection	Type B			
Ingress Protection	IP55			
Electrical Protection	Over-current, over/under voltage, residual current, short circuit, surge, over/under temperature, and ground fault			
Compliance Standards	CE, IEC 61851, IEC 62196			
<b>ENVIRONMENT</b>				
Operating Temperature	-30 C to +50 C (derating when over 55 C)			
Storage Temperature	-40 C to +70 C			
Cooling Method	Forced air (internal fan)			
Operating Humidity	Less than 95% (without condensation)			
Operating Altitude	Up to 2000 meters			
<b>PHYSICAL</b>				
Dimensions (W x D x H in mm)	1010 x 710 x 2060	1010 x 710 x 2060	1020 x 720 x 2080	1070 x 760 x 2080
Net Weight (kg)	300	340	360	370

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**In charge. Always.**

[www.faradayevcs.com](http://www.faradayevcs.com)

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