

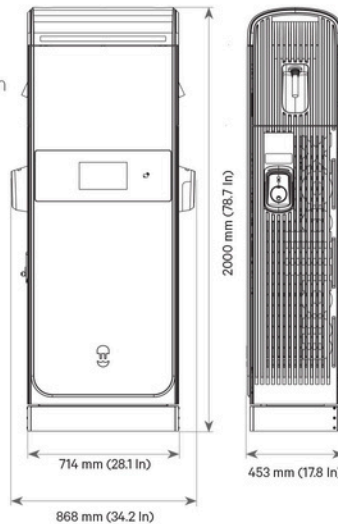
DC Fast Charging



Supernova 180

Technical specifications

DC Connectors:	CCS1+CCS1 / CCS1+NACS*
Charging Protocol:	ISO15118, DIN SPEC 70121, SAE J1772
Cable Length:	5 m (16.4 ft)
Cable Management:	Retracting the cable to its initial position
Output Power:	180 kW
Nominal Efficiency:	95%
Power Factor:	> 0.98
THD:	5%
Output Voltage:	150-1000 V
Output Current:	350 A
Supply Input:	480 V $\pm$ 10%, 60 Hz; 3P+PE
Environmental Ratings:	IP54, IK10, 6560 ft (2000 m) altitude, NEMA 3R
Operating Temperature:	-30°C to 50°C (-22° F to 122° F)
Cooling System:	Active air cooling
Operational noise level:	< 65 dBA
Humidity:	5% to 95% Non-condensing
Dimensions without holster:	2000x453x714 mm (78.7x17.8x28.1 in)
Weight:	400 kg (882 lbs.)
Branding Options:	Artwork Templates
Connectivity:	Ethernet, 4G/LTE, WiFi
Backend Communication:	OCPP 1.6J, OCPP 2.0 (Hardware Ready), Plug & Charge (Hardware Ready)
Diagnostics:	Auto-diagnostics system
User Interface:	10" Anti-vandal Color Touch Display (sunlight readable)(IK10), LED status lights
Authentication:	App (OCPP) / RFID (MI-FARE ISO/IEC14443A/B, ISO/IEC15693, ISO/IEC18000-3, FeliCa, NFC)
Ad-Hoc Payment:	Credit Card Reader (various options available)
Metering:	AC, DC Meter (per output)
Charging Compliance:	CCS (DIN 70121; ISO15118; SAE J1772) IEC 61851-1; IEC 61851-23; IEC 61851-21
Safety Compliance:	UL 2202, UL 2231
EMC Compliance:	FCC 47 CFR Part 15B, CAN ICES-003A / NMB-003A



Reliable

Developed to maximize uptime to increase revenue potential

User Centric

Attract drivers with a sleek design and an intuitive charging experience

Efficient

Increase ROI with simultaneous charge and easily scale your network

Flexible

Takes up less space, with retrofitable features to meet future needs

*Available in:
180kW, 120kW, & 60kW

Specifications are subject to change to improve design, function, or otherwise. *Contact your sales representative regarding availability.



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