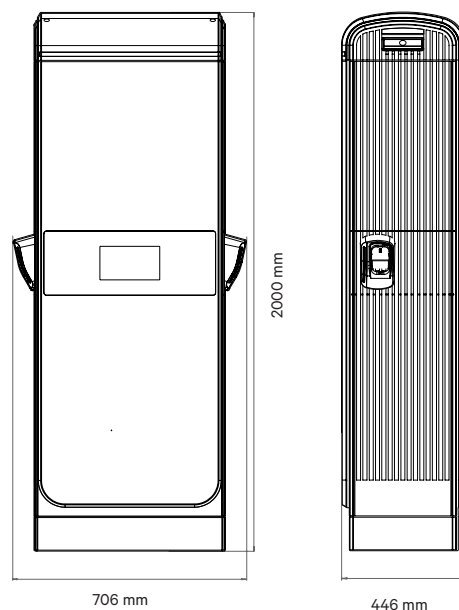


SUPERNOVA Technical Datasheet

DC Connectors	CCS2, CHAdeMO		
Charging Protocol	ISO15118 (including Plug&Charge*)		
	CHAdeMO		
Cable Length	3 m, 5 m ^[1]		
Connector Protection	Proprietary Locking System		
Cable Management	Auto retractable system ^[1]		
Output Power	60 kW		
Nominal Efficiency	97%		
Power Factor	>0.98		
THD	5%		
Output Voltage	150-500 V		
Output Current	150 A		
Supply Input Voltage	400 ± 10%, 50 Hz		
Supply Input Current	91 A		
Electrical Protections	Grid disconnection, MCB, Surge Arrestor		
Power Extension	Up to 100 kW (with two charger units on a DC link)* ^[1]		
Power Balancing	Local static and dynamic load balancing* ^[1]		
Power Split	Simultaneous charge of 2 CCS outputs* ^[1]		
Environmental Ratings	IP54, IK10, 2000 m altitude		
Operating Temperature	-35°C to 50°C (no derating)		
Storage Temperature	-35°C to 70°C		
Cooling System	Active air cooling		
Operational Noise Level	< 55dBA		
Humidity	5% to 95% Non-condensing		
Dimensions	2000 x 706 x 446 mm		
Weight	250 kg		
Accessibility	Wheelchair access appropriate, Environmental light		
Branding Options	Artwork Templates		
Connectivity	Ethernet, 2G/3G/4G/LTE, Space for external router (DIN rail)		
Backend Communication Protocol	OCPP 1.6J		
Commissioning Interface	Locally (via Ethernet and without extra software) and remote webmanager		
	Schuko 230V		
	Cabinet Light		
Diagnostics	Auto-diagnostics system		
User Interface	10" Anti-vandal Colour Touch Display (sunlight readable), 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* ^[1] : 3-in-1 contactless (including Apple/Android Pay), chip, magnetic, Screen QR code		
Metering	AC MID ^[1] , DC Eichrecht (German calibration law)* ^[1]		
Charging Compliance	CCS (DIN 70121, ISO15118), IEC 61851-1, IEC 61851-23, IEC 61851-21-2, CHAdeMO 1.2 Certified		
Safety Compliance	CE, IEC		
EMC Compliance	CE, IEC		
Cybersecurity Compliance	LINCE*		



Specifications are subject to change to improve design, function and others.
*Contact your sales representative regarding availability.
[1] Optional.