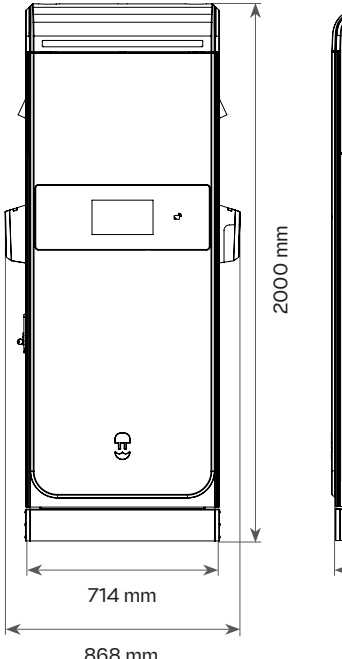


SUPERNOVA 60

Datasheet

DC Connectors	CCS2+CHAdeMO / CCS2+CCS2	
Charging Protocol	ISO15118, DIN SPEC 70121, CHAdeMO	
Cable Length	3 m, 5 m ^[1]	
Cable Management	Ideal for 5 m retracting the cable to its initial position, retrofittable ^[1]	
Output Power	60 kW	
Nominal Efficiency	95,4%	
Power Factor	>0.98	
THD	5%	
Standby Consumption	<50 W	
Output Voltage	150-500 V	
Output Current	150 A	
Supply Input Voltage	400 V ± 10%, 50 Hz	
Supply Input Current	91 A at 60 kW DC output power	
Electrical Protections	Grid disconnection, MCB, Surge Arrestor, Split charge: RCD Type A and MCB per output	
Power Split	Simultaneous charge of 2 outputs (30 kW each). Power returns to 60 kW when 2nd car disconnects. ^[1]	
Environmental Ratings	IP54, IK10, 2000 m altitude	
Operating Temperature	-35°C to 50°C	
Storage Temperature	-35°C to 70°C	
Cooling System	Active air cooling	
Operational Noise Level	< 55 dBA @ 3 m	
Humidity	5% to 95% Non-condensing	
Dimension with holster	2000x453x868 mm	
Dimension without holster	2000x453x714 mm	
Weight	290 kg	
Accessibility	Wheelchair access appropriate, Environmental light	
Branding Options	Company logos/front surface/full charger vinyling ^[1]	
Connectivity	Ethernet, 2G/3G/4G/LTE, Space for external router (DIN rail)	
Backend Communication Protocol	OCPP 1.6J	
Commissioning Interface	Local (via Ethernet and without extra software) and remote webmanager Schuko 230 V	
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 (various options available) ^[1]	
Metering	AC MID, Split charge: DC meter per output	
Charging Compliance	CCS (DIN 70121, ISO15118), IEC 61851-1, IEC 61851-23, IEC 61851-21-2, CHAdeMO 1.2	
Safety Compliance	CE, IEC	
EMC Compliance	CE, IEC	

Specifications are subject to change to improve design, function and others.
^[1]Optional.