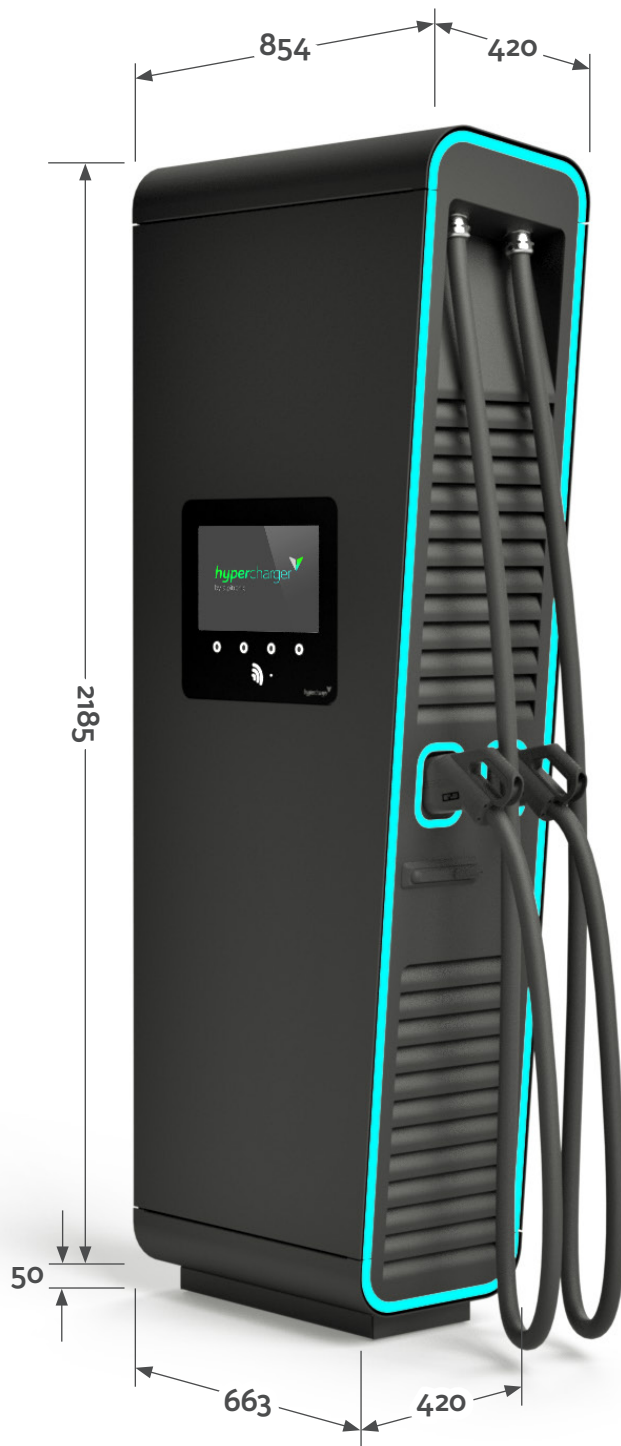


product brief

hypercharger 75 hypercharger 150

75kW / 150kW fast charging system for electric vehicles

Key Features



- Benchmark current density with maximum 250ADC for the hypercharger 75 and 500ADC for the hypercharger 150
- Full power capability even at lowest vehicle battery voltage (300V)
- Future-proof wide output voltage range from 150V to 1000V
- Highly integrated system in a compact design
- Up to two vehicle outlets possible (CCS and CHAdeMO)
- Scalable power due to hypercharger power stack concept

hypercharger 75

hypercharger 150

75kW / 150kW fast charging system for electric vehicles

Technical Data

System Specification	
DC-connection standard	CCS1 or CCS2 uncooled cable acc. IEC 62196 CCS Combo2 active cooled cable acc. IEC 62196 Optional: CHAdeMO and/or 22kW AC plug
Ambient	In- and Outdoor installation
Working temperature	-30° to +55°C
Humidity	10% - 90% relative humidity
Protection degree	IP 54
Efficiency	94% @ full power
Operating noise level	< 65dBA
Grid	
AC Input voltages	3x400V (± 10%) / 50 Hz (± 5%) or 3x480V (± 10%) / 60Hz (± 5%)
AC Input current and power (from grid)	117 A, 80kW @ 75kW DC output power 233 A, 160kW @ 150kW DC output power
THDI in all operating points	< 7%
Power factor with active PFC correction	> 0,99
DC-Output	
Maximum DC output power	75kW (one stack), max. 250A 150kW (two stacks), max 500A
Output DC voltage range	150V - 1000V
Maximum output current	I _{max} : 250A (75kW system / uncooled cable + plug) I _{max} : 500A (150kW system with active cooled cable + plug)
General	
DC-protocol standard	EN 61851-23/DIN 70121; ISO 15118 Combo 2 Optional CHAdeMO 1.0
RFID-System	ISO/IEC 14443A/B, ISO/IEC 15693
Network connection	GSM-/CDMA-Modem, 10/100Base T-Ethernet