

pulse300

The pulse300 provides 300kW hyper-fast-charging. The clean lines of its innovative design brings high powered charging and the latest technology to the narrowest of parking bays.

- 225 KW/500 A or 300 KW/500 A Output Power
- 730 X 860 X 2140 MM Housing
- Parallel charging
- Up to two vehicle outlets possible (CCS and CHAdeMO)
- Scalable power due to modular power stack concept
- OCPP 1.6
- 15" Display



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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)	352 A, 240kW @ 225kW DC output power 466 A, 320kW @ 300kW DC output power
THDI in all operating points	< 7%
Power factor with active PFC correction	> 0,99

DC-Output

Maximum DC output power	255kW (three stack), max. 500A 300kW (four stacks), max 500A
Output DC voltage range	150V - 1000V
Maximum output current	I _{max} : 500A (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
Charging infrastructure communication protocol	Open Charge Point Protocol (OCPP) 1.6
User Interface	15'' screen 15'' touch screen display (optional)