

JOINON I-ON HYPER
GWJ9502R (STAND ALONE version)
GWJ9502W (CONNECTED version)*

300kW fast charging system for electric vehicles

Key Features



- Benchmark current density with maximum 500ADC
- Future-proof wide output voltage range from 150V to 1000V
- Highly integrated system in a compact design
- **Three** vehicle outlets
2XCCS and CHAdeMO

JOINON I-ON HYPER
 GWJ9502R (STAND ALONE version)
 GWJ9502W (CONNECTED version)*



300kW fast charging system for electric vehicles

Technical Data

System Specification	
DC-connection standard	2XCCS Combo2 IEC 62196 CHAdEMO
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)	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	300kW (four stacks), max 500A
Output DC voltage range	150V - 1000V
Maximum output current	I _{max} : 500A
General	
DC-protocol standard	EN 61851-23/DIN 70121; ISO 15118 Combo 2 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)

*The CONNECTED version includes the connection to the JOINON cloud for the charging point management and real time monitoring.

JOINON I-ON HYPER GWJ9502R (STAND ALONE version) GWJ9502W (CONNECTED version)*

300kW fast charging system for electric vehicles

Performance

Here it comes. Our best performance device is the hypercharger 300 offering 300kW at the full temperature range and up to 350kW when temperature is derated to +30°C ambient. More than 700A could be delivered, limited only by the available cable and connector technology. The systems amazing power density – integrating all of power electronics and interfaces - enables an integration of such charging systems into critical narrow parking slot situations. The finest art of hyper-fast-charging. Modern and modular by design.

