

JOINON I-ON HYPER**GWJ9003R (STAND ALONE version)****GWJ9003W (CONNECTED version)***

75kW fast charging system for electric vehicles

Key Features

- Benchmark current density with maximum 250ADC
- 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
- **Two** vehicle outlets CCS and CHAdeMO

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Technical Data

System Specification	
DC-connection standard	CCS Combo2 IEC 62196 CHAdeMO and 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)	149 A, 80kW @ 75kW DC + 22kW AC 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
Output DC voltage range	150V - 1000V
Maximum output current	I _{max} : 250A
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

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

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Performance

Housed in a sleek yet rugged enclosure, this system delivers 75 kW of output power. Its slim contours and remarkably compact footprint defy expectations: Even with all the power electronics on board, it slots neatly into the tightest of indoor and outdoor parking spaces. Compliant with all the pertinent norms and the OCPP protocol, hypercharger 75 configures to all charging standards, including CCS 2, CHA-deMO. Its power unit delivers 250 A of continuous maximum output current even at 300 V (empty battery) to make charging an exercise in speed. An AC plug is available.

