All-in-One Solution

75kW - 300kW DC Ultra Fast Charging

Modern and modular by design

- **Smallest footprint:** All-in-one charging system
- **Future proof:** Easily scale up by adding additional power stacks
- **High power:** Ultra high performance with the convenience of single unit packaging

- **Up to 300kW** ultra fast charging
- **Modular** 75kW power stacks
- 2x outlets for **simultaneous charging**
- Combine **CCS2 or CHAdeMO** plugs
- **AC 22kW** option
- Optional **cable management**
- Suitable for **indoor and outdoor** applications
- **-30˚C to +55˚C** operating temperature

- Optional **AC/DC meter**
- Optional **card reader**
- **2 cabinet sizes** (2x or 4x power modules)
- Dynamic **load balancing**
- **OCPP enabled** for cloud connectivity
- ISO 15118 for **plug and charge**
- **Remote monitoring** and preventative maintenance
- **Easy serviceability** and **low maintenance**

Compact	High uptime	Future proof	Low TCO	Flexible	Ergonomic design
Fits easily into tight spaces and existing structures (no separate power unit)	Remote monitoring and predictive maintenance	Customer can choose how much future proofing they want (2 or 4 power stacks)	Fast return on investment, minimal operating costs	Range of plug, payment and branding/ advertising options	Attractive, intuitive and convenient for drivers

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TECHNICAL SPECIFICATION

GENERAL ELECTRICAL	
DC CHARGING CONNECTOR	CCS2 Uncooled cable acc. IEC 62196 CCS Combo2 active cooled cable acc. IEC 62196 Optional: CHAdeMO and/or 22kW AC plug
MAX DC OUTPUT POWER	75kW (one stack), max. 250A 150kW (two stacks), max. 500A 255kW (three stacks), max. 500A 300kW (four stacks), max. 500A
OUTPUT DC VOLTAGE RANGE	150V - 1000V
MAXIMUM OUTPUT CURRENT	Imax: 250A (75kW system/uncooled cable + plug) Imax: 500A)150kW, 225kW, 300kW systems with active cooled cable +plug)
EFFICIENCY	94% @ full power
AC INPUT VOLTAGE	3 x 400V (± 10%) / 50Hz (± 5%) or 3 x 480V(± 10%) / 60Hz (± 5%)
AC INPUT CURRENT & POWER (FROM GRID)	117 A, 80kW @ 75kW DC output power 233 A, 160kW @ 150kW DC output power 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

ENVIRONMENTAL	
OPERATING TEMPERATURE	-30°C to +55°C
HUMIDITY	10% - 90% relative humidity
ENCLOSURE	IP54
OPERATING NOISE LEVEL	<65 dBA

STANDARDS	
DC PROTOCOL	EN 61851-23/DIN 70121; ISO 15118 Combo 2 Optional CHAdeMO 1.0
RFID	ISO/IEC 14443A/B, ISO/IEC 15693

FEATURES	
NETWORK CONNECTION	GSM/CDMA modem, 10/100 Base-T Ethernet
COMMUNICATION PROTOCOL	OCPP 1.6
USER INTERFACE	15" screen

WHY CHOOSE GILBARCO VEEDER-ROOT?

Our mission is to build cleaner, more sustainable mobility of the future. We recognise the vital role Europe's fleet operators play in building out the e-Mobility transport and infrastructure that is needed to achieve our collective goal to reach net zero.

Our e-Mobility portfolio is the result of our 150+ years' experience innovating for mobility, and has been expertly designed to remove all barriers to electrification and enable the fastest, easiest, most profitable transition to electric possible.

Ready to join the revolution?

Speak to our dedicated e-Mobility team

gilbarco.com/eu/emobility **euenquiries@gilbarco.com**

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