

POWERING THE ELECTRIC FUTURE | SINCE 1977

Made in
Türkiye

SOLVIO QUATTRO

DUAL GUN DC ELECTRIC VEHICLE CHARGER

240 KW

320 KW

400 KW

SOLIPARTS



FEATURES



1000V DC MATRIX

Equipped with a wide output voltage range from **150V to 1000V DC**, ensuring native compatibility with next-gen EV architectures.



DYNAMIC LOAD

Advanced modular architecture delivers total site flexibility, with per-gun output power independently configurable across the full system capacity ensuring every kilowatt is allocated exactly where it's needed, when it's needed.



SMART INTERFACE

Integrated **15" HMI Touchscreen** for user interaction and can be configured with a **32" LED Touchscreen** designed for high-impact digital advertising and brand engagement.



INDUSTRIAL BUILD

High-performance architecture with **96% efficiency**, featuring built-in AC/DC RCD protection and **40 kA C Type surge arrestors** for maximum uptime.



OCPP 2.0.1 READY

Advanced connectivity supporting **OCPP 1.6J** (upgradable to 2.0.1) for real-time remote monitoring and smart energy management.



RUGGED DURABILITY

The **IP54** and **IK10** rated enclosure ensures 24/7 reliability in temperatures from **-30°C to +55°C**. Built for severe outdoor environments, it maximizes uptime and provides long-term security with warranties available for up to **10 years**

TECHNICAL SPECIFICATION

240 kW

320 kW

400 kW

POWER INPUT

Input Current	400A	500A	630A
Input Voltage	400VAC ±10% 3P+N+PE		
Input Frequency	50Hz / 60Hz		
Power Factor	0.98		
Measurement	Internal DC Meter		
Efficiency	%96		

POWER OUTPUT

Output Current	500 A	600 A	600 A
Output Voltage	150 - 1000VDC		
Output Connector	CCS2 CCS1 GB/T CHAdeMO		
Number of Outputs / Guns	1 or 2 (configurable)		
Power Distribution	Per-gun output independently configurable across full system capacity		
Power	240 kW	320 kW	400 kW

* Technical specifications are subject to change based on project-specific requirements and regional certifications.

TECHNICAL SPECIFICATION

PROTECTION

Internal AC RCD	30mA-5A
Internal DC RCD	DC Insulation 6mA
Surge Protector	40 kA C Type

USER INTERFACE

Screen	15" HMI / 32" LED
Status Indicator	LED
Charging Start Options	Plug & Play, RFID Card, Mobile App, Payment Terminal (optional)
RFID Reader	MF RC522, 13.56 MHz

TECHNICAL SPECIFICATION

COMMUNICATION

Network Interface

4G, Wi-Fi, Ethernet

Protocol

Supports OCPP 1.6J, Upgradable to OCPP 2.0.1

EV Communication Protocol

DIN 70121, ISO 15118

ENVIRONMENTAL FACTORS

Operating Temperature

-30°C to +55°C

Storage Temperature

-40°C to +80°C

Altitude

≤2000

Humidity

5% - 95%

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TECHNICAL SPECIFICATION

MECHANICAL CHARACTERISTICS

Protection Class IP (IEC 60529) IP54

Impact Protection IK (IEC 62262) IK10 (Screen IK08)

Cooling Natural + Fan

Cable Length 5m - 20m & Liquid Cooled System

Cable Management System Optional – available as factory-fit or field-retrofit

Dimensions (WxHxD) 750 x 2000 x 900 mm

Weight	640 kg	670 kg	700 kg
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Power Sharing Logic 30kW or 40kW

Country of Origin Türkiye

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TECHNICAL SPECIFICATION

Compatibility

Certificate

CE

Standards

IEC 61851-1, IEC 61851-21-2, IEC 61851-23, IEC 62196-3, ISO 15118, DIN 70121

Warranty

2 - 5 - 10 Years (Depends on the Region)

Assembly Type

Floor Mounted

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**CHARGE FAST,
DRIVE FASTER**

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