

POWERING THE ELECTRIC FUTURE | SINCE 1977

Made in
Türkiye

SOLVIO TURBO

DUAL GUN DC ELECTRIC VEHICLE CHARGER

90 KW

120 KW

160 KW

180 KW

200 KW

SOLIPARTS



FEATURES



OEM / PRIVATE LABEL

Deploy a premium charging network under your own brand with our full OEM solutions. Manufactured in **Türkiye** to strict IEC 61851 and **CE** standards, our hardware eliminates R&D overhead and ensures long-term credibility with warranties up to **10 years**.



DYNAMIC LOAD

High-density **30kW** and **40kW** modules provide total site customization. Our intelligent distribution engine enables bespoke power delivery per gun for maximum operational throughput.



SMART INTERFACE

Integrated **15" HMI Touchscreen** for user interaction and can be configured with a **32" LED Touchscreen** for advertising.



RAPID MAINTENANCE

Maximize uptime with a modular layout engineered for fast component access. Drastically reduce Mean Time to Repair (MTTR), minimize downtime, and build driver loyalty through consistent, dependable service.



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.



ALL-CLIMATE READY

Engineered for extreme environments, from Nordic winters to Middle Eastern heat. Features **IP54 ingress protection**, **IK10 impact resistance**, and a resilient operating range of **-30°C to +55°C**, ensuring consistent performance where other units fail.

TECHNICAL SPECIFICATION

90 kW

120 kW

160 kW

180 kW

200 kW

POWER INPUT

Input Current	160A	200A	250A	300A	400A
Input Voltage	400VAC ±10%				
Input Frequency	50Hz / 60Hz				
Power Factor	0.98				
Measurement	Internal DC Meter				
Efficiency	%96				

POWER OUTPUT

Output Current	300 A	400 A	500 A	500 A	500 A
Output Voltage	150 - 1000VDC				
Output Interface	CCS2 CCS1 GB/T CHAdeMO				
Number of Outputs / Guns	1 or 2 (configurable)				
Power	90 kW	120 kW	160 kW	180 kW	200 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 or 32" LED
Status Indicator	LED
Charging Start Options	Plug & Play, RFID Card, Mobile App, POS Terminal
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

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

Dimensions (WxHxD) 750 x 2000 x 900 mm

Weight	240 kg	332 kg	362 kg	392 kg	392 kg
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Power Sharing Logic 30kW / 40kW

Country of Origin Türkiye

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TECHNICAL SPECIFICATION

Compatibility

Certificate

CE

Standards

IEC 61851-1, IEC 61851-21-2

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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