

POWERING THE ELECTRIC FUTURE | SINCE 1977

Made in  
**Türkiye**

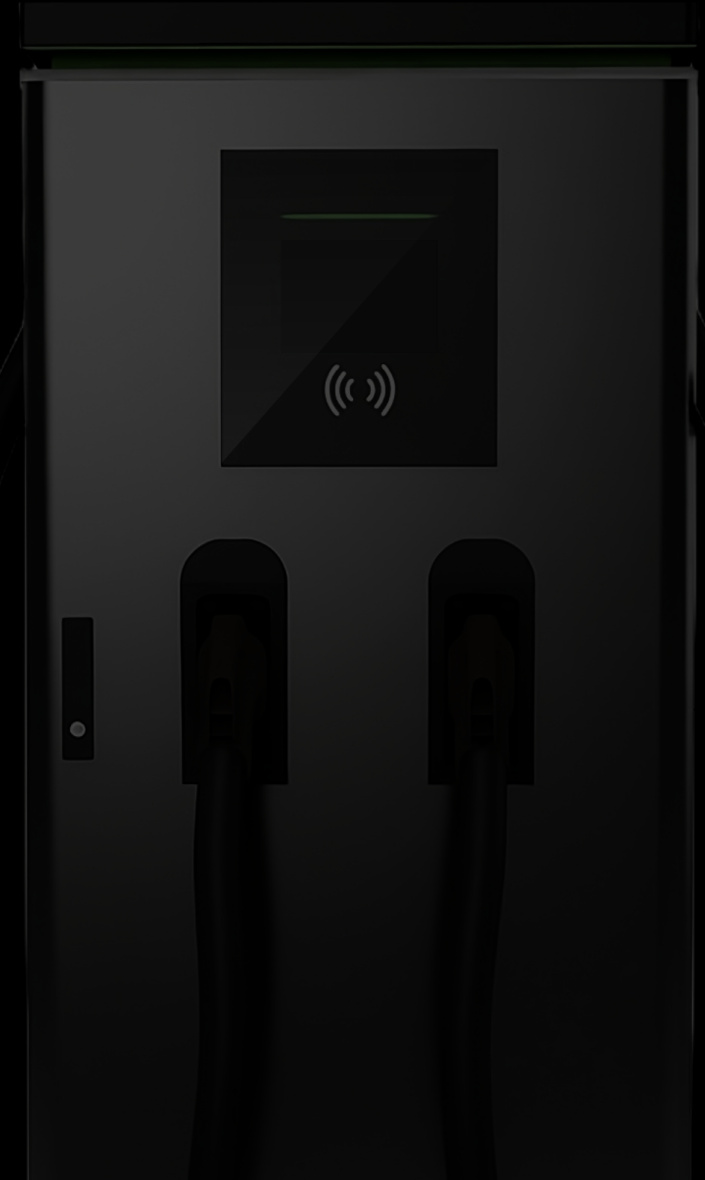
# SOLVIO DUO

DUAL GUN DC ELECTRIC VEHICLE CHARGER

60 KW

80 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**.



## MAXIMIZED ROI

Boost profitability with a **96% conversion rate** and integrated DC Metering for precise billing. Features a **0.98 power factor** to avoid grid penalties, plus built-in AC/DC residual current protection and a **40 kA Type 2** surge arrestor to simplify your BOM and enhance safety.



## FLEXIBLE BILLING

Adapt to any revenue model, from **RFID** fleet control to **app-based** payments and unattended terminals. Ready for instant deployment without additional hardware simply configure your preferred access model on-site and start generating revenue immediately.



## 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.



## OPEN BACKEND

Maintain total control with zero backend lock-in. Supporting **OCPP 1.6J** (upgradable to **2.0.1**), the Solvio Duo integrates with any CPMS. ISO 15118 and DIN 70121 compliance ensure Plug & Charge readiness, while 4G, Wi-Fi, and Ethernet provide reliable connectivity.



## 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

60 kW

80 kW

## POWER INPUT

Input Current	125A	160A
Input Voltage	400VAC ±10%	
Input Frequency	50Hz / 60Hz	
Power Factor	0.98	
Measurement	Internal DC Meter	
Efficiency	%96	

## POWER OUTPUT

Output Current	200A	250A
Output Voltage	150 - 1000VDC	
Output Interface	CCS2   CCS1   GB/T   CHAdeMO	
Number of Outputs / Guns	1 or 2 (configurable)	
Power	60 kW	80 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

7" HMI

Status Indicator

LED

Charging Start Options

Plug & Play, RFID Card, Mobile App, Payment 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%

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

# 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)	750x1500x320 mm
Weight	190 kg   240 kg
Country of Origin	Türkiye

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

# TECHNICAL SPECIFICATION

## Compatibility

Certificate

CE

Standards

IEC 61851-1, IEC 61851-21-2, IEC 61851-23, IEC 62196-3

Warranty

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

Assembly Type

Floor Mounted

**SOLIPARTS**

Fevziçakmak, 10753. Sk. 3-3/A 42050  
Konya, Türkiye

Website: [soliparts.com](http://soliparts.com)

WhatsApp: +90 543 173 5214

Phone: +90 444 0 602

E-Mail: [info@soliparts.com](mailto:info@soliparts.com)

---

**CHARGE FAST,  
DRIVE FASTER**

**ENGINEERING EXCELLENCE · SINCE 1977**