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**tuncmatik**

## Mini DC Portable

### 30/60kW



Tuncmatik Mini DC Portable fast charger is a portable model that you can take with you wherever you go. It can be used in places where there are no fixed charging stations.

Tuncmatik Mini DC Portable charger offers fast charging, enabling electric vehicle drivers to get back on the road as quickly as possible.

## TECHNICAL SPECIFICATIONS

- Charging is easier with the Auto Charge feature.
- Remote updates can be performed with the OTA Update feature.
- Devices can be monitored and managed over the internet thanks to the Maintenance Platform.
- Power Modules can operate in the 200-1000VDC range per module.
- Device settings can be easily made in many languages via the 7-inch color touchscreen LCD.
- The charger has passed 33 rigorous environmental and thermal shock tests between -35°C and 55°C to ensure system reliability.
- Linux 5.10 operating system and CPU are compliant with cybersecurity standards.
- It has passed the cloud network protocol test and has been verified by OCTT.
- The vehicle charging station supports DIN 70121 and ISO 15118 protocols.

CHARGING TYPE <b>MOBILE CHARGE</b>	NUMBER OF SOCKETS <b>2 DC</b>	4G <b>4G</b>	GSM 
ETHERNET (RJ45) 	COMMUNICATION <b>OCPP 1.6J</b>	TOUCH SCREEN 	HIGH EFFICIENCY 
RFID 	QR CODE 	PROTECTION CLASS <b>IP54</b>	COMPLETE PROTECTION 
OUTPUT VOLTAGE RANGE <b>200-1000 VDC</b>			

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MODEL	30kW	60kW
Charging Type	DC Fast Charging	
<b>INPUT</b>		
Phase	3P + N + PE	
AC Input Power	33 kVA /48A @400V 50Hz	64 kVA /93A @400V 50Hz
Voltage Range	380/400/415 VAC±10%	
Frequency	50 /60 Hz	
THDi	≤ %5	
Mains	TN-S, TN-C, TN-C-S,TT (external RCD required)	
<b>OUTPUT</b>		
Power Factor	0.99	
DC Output Voltage	200-1000 Vdc	
Efficiency	≥ %93	≥ %94
Max. Current	100A	
Standby Power	<35W	
Pre-Charging Current	<1A	
Short Circuit Current	10 kA	
Inrush Current	<60A	
Leakage Current	0.8 mA	
<b>SOCKET AND CABLE</b>		
Socket Type	CCS2, Single Socket	
Number of Supported Vehicles	1	
Cable Length	5m	
<b>SYSTEM FEATURES</b>		
Energy Measurement	Energy meter that calculates income	
Protection	Overcurrent, overvoltage, undervoltage, integrated overvoltage protection, including recovery error, DC leakage protection	
Overvoltage Category	Type II	
Emergency Button	Yes	
Communication Methods	GSM, 4G, Ethernet (RJ45)	
Communication Protocol	OCPP 1.6J	
User Authentication	RFID,QR kodu	
RFID Reader	ISO/IEC 14443 A/B Mifare RFID reader	
User Interface	7" Touchscreen LCD Display	
Language	Turkish, English, German, Italian, Spanish, French, Russian, Portuguese	
Material	SUS403 Steel	
<b>DIMENSIONS &amp; WEIGHT</b>		
W x D x H (mm)	590 x355 x904	
Weight (kg)	75	97
<b>ENVIRONMENTAL</b>		
Operating Temperature	-35 °C -55 °C	
Storage Temperature	-40 °C -70 °C	
Humidity	< 95% (Non-condensing)	
Operating Altitude	Up to 2000 meters	
<b>STANDARDS</b>		
Standards	IEC61851-1, IEC61851-21-2, IEC61851-23, IEC61851-24, IEC62196-2, IEC62196-3	
Communication with Electric Vehicles	DIN70121, ISO/IEC15118	

