TOMMATECH GmbH

GERMAN-based company

ELECTRIC VEHICLE CHARGERS

Catalog





Garching - Munich Production Center / Germany



Antalya Production Center / Turkey

Contents

About Us	4
Our Vision and Mission	4
Tommatech Cloud	6
Electric Vehicle Charging 5W1H	12
Electric Vehicle Chargers Product Range	14
Vehicle Charging Cable (Type 2 32A 5M)	18
Residential (AC) Electric Vehicle Chargers	20
High-Speed DC Electric Vehicle Chargers	24
Mobile and Web Application Features	34

TOMMATECH GmbH
GERMAN-based company

In an increasingly complex world, we continuously adapt to changes and actively encourage all our partners to embrace our long-term goals and values through goal-oriented communication and a mutual, in-depth understanding of our mission. In this way, we aim to make a valuable contribution for future generations.

Technology

Vision:
Our vision is to be a leader in the development of advanced solar energy technologies that maximize energy efficiency, protect the ecological balance, restore harmony between humans and nature, and accelerate the global transition to renewable energy in order to achieve the set climate goals.

Mission:
We focus on continuous innovation and research to develop modern solar technology and integrate it efficiently into smart home systems, enabling our customers to benefit from connected and sustainable energy use.

Today:
Many customers are already benefiting from our modern installations, which we have seamlessly integrated into their homes. This optimizes energy consumption, allowing customers to save money immediately and reduce their carbon footprint.

Optimization

"Through intelligent optimization solutions, we achieve the most efficient use of solar energy worldwide, actively supporting the achievement of climate neutrality."

"We are committed to developing and implementing advanced automation and control technologies to optimize energy consumption in households and businesses while significantly reducing operating

Our customers' current energy optimization systems have already achieved significant improvements in emissions.

Manufacturing

We aim to be a leading manufacturer of solar technologies, setting industry standards for quality and sustainability.

We are committed to producing high-quality and innovative solar products that meet the needs of the present while addressing future challenges. Through continuous improvements and investments in our production processes, we strive to maximize efficiency and minimize environmental impact.

Our customers are already benefiting from the advanced solar products manufactured in our state-of-the-art facilities. These products are not only efficient and reliable but also leading in terms of sustainability and environmental protection. The continuous optimization of our production processes guarantees products that are both economically and ecologically advantageous.

Milestones

We are pioneering solar technology that plays a crucial role in contributing to energy independence and climate resilience.

We drive transformative change in the global use of solar energy. By developing technologies that enable significant improvements in performance and ease of use, we are setting new standards.

Customers worldwide are using our technology, and together we are accelerating the transition to renewable energy while achieving both economic and ecological benefits.

Automation

To drive the integration of intelligent automation solutions that make the interaction between solar technologies and end users seamless and intuitive.

To develop automation systems that not only operate smoothly but also adapt to consumer needs. These systems aim to optimize energy consumption, enhance operational efficiency, and accelerate the adoption of renewable technologies.

Our customers are enjoying the convenience and efficiency that our intelligent automation solutions bring to their daily lives. These technologies simplify the control of their energy supply, reduce costs, and support the transition to a more environmentally friendly future.

CE ISO SOMPO

TOMMATECH GmbH

GERMAN-based company



2014



60+



2

Transparency

Vision:

We aim to create an atmosphere of openness where everyone from our customers to our employees feels secure and well-informed. We aim to create an atmosphere of openness where everyone from our customers to our employees feels secure and well-informed.

Mission:

Clear information, no secrets that's our motto. Whether it's about the production of our products or how they function, we keep you constantly updated. We believe that well informed people make better decisions.

Today:

Our customers and partners benefit from our transparent business management. We ensure complete openness at every stage of our processes, from development to product delivery. This practice of open communication allows our stakeholders to make informed decisions and strengthens trust in long-term collaboration with our company.

Experience

We want every interaction with our company to be a positive experience for customers and partners. Our products and services should not only be reliable and innovative but also inspire enthusiasm.

Our goal is to provide each customer and partner with a personalized and valuable experience. With our extensive experience in solar technology, we know what works and we use that knowledge to exceed your expectations and make the transition to sustainable energy easier for you.

Our customers benefit directly from our many years of experience in solar technology. We deliver tailored solutions that are reliable and efficient, supporting every step of the journey toward sustainable energy. Our team ensures a seamless experience through professional advice and assistance.

Commitment

Our primary goal is to consistently exceed our customers' expectations. We are committed to the highest quality and continuous improvement of our products and services. Our dedication to sustainability and ethical business practices is unwavering and guides all our actions.

Our primary goal is to consistently exceed our customers' expectations. We are committed to the highest quality and continuous improvement of our products and services. Our dedication to sustainability and ethical business practices is unwavering and guides all our actions.

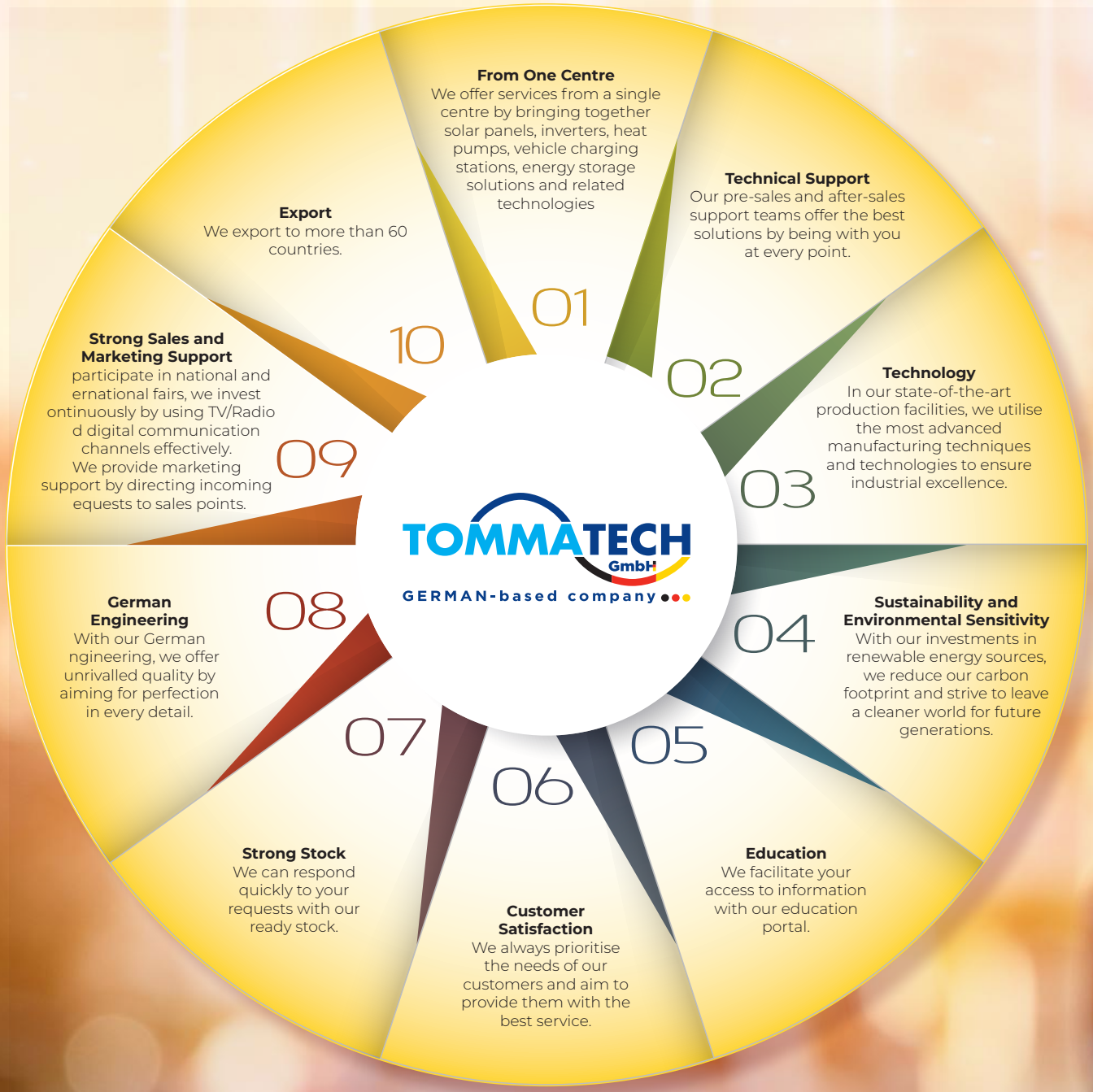
Our customers and partners can rely on our strong commitment. We employ innovative and sustainable technologies to ensure that our solutions are not only efficient but also environmentally friendly. Every project is executed with the highest standards of quality and a focus on long-term customer satisfaction.

Home Solution

We aim to transform every home into an eco-friendly energy source. Our vision is to offer advanced solar solutions that are easy to integrate and optimize household energy consumption while contributing to global sustainability.

Our goal is to develop customized solar solutions tailored to the specific needs and conditions of each household. We are committed to providing our customers with the best combination of efficiency, ease of use, and economic benefit, making the transition to renewable energy simple and appealing.

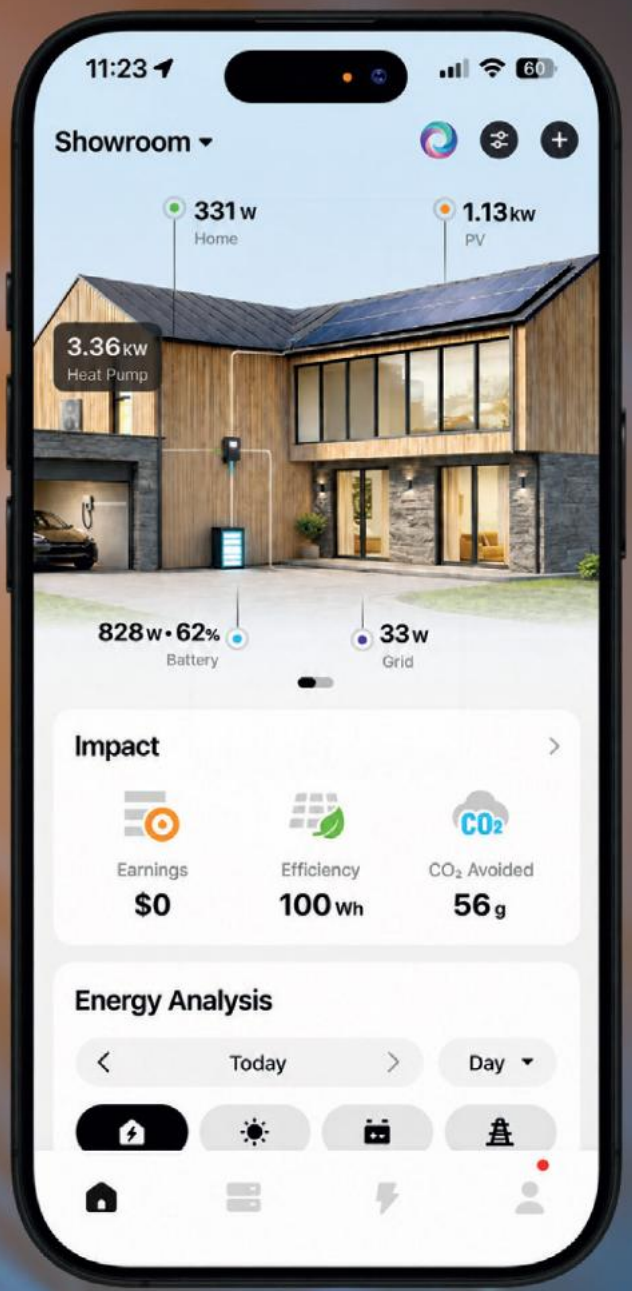
Our Home Solution products enable customers to meet their energy needs sustainably while saving costs. Homes equipped with our technology benefit from intelligent energy management and a reduced carbon footprint. Our solutions are not only environmentally friendly but also user-friendly, allowing every household to fully harness the advantages of modern solar technology.



With TommaTech

You are in control!

TOMMATECH GmbH
GERMAN-based company
CLOUD



1 PV Panel

2 BIPV Veranda

3 Carport

7 EV Charging Unit

8 Pool Heat Pump

9 Power Series Heat Pump

CW ALÜMİNYUM
Manufactured with
CW Aluminium Expertise

TOMMATECH GmbH
GERMAN-based company

Cloud



"Experience the Comfort of the Future."

With **TommaTech Cloud,**
the control of your home is at your fingertips.

13 Thermal Panel

14 Boiler Tank

15 Circulation Pump

19 Control Panel

20 Alarm Panel

21 Solar Camera

4 İnverter

5 Lithium Battery

6 Smart Meter

10 Fan Coil Heating & Cooling

11 Underfloor Heating

12 Hot Water

TOMMATECH GmbH

GERMAN-based company



16 White Goods

17 Built-in Set

18 Built-in Coffee Machine

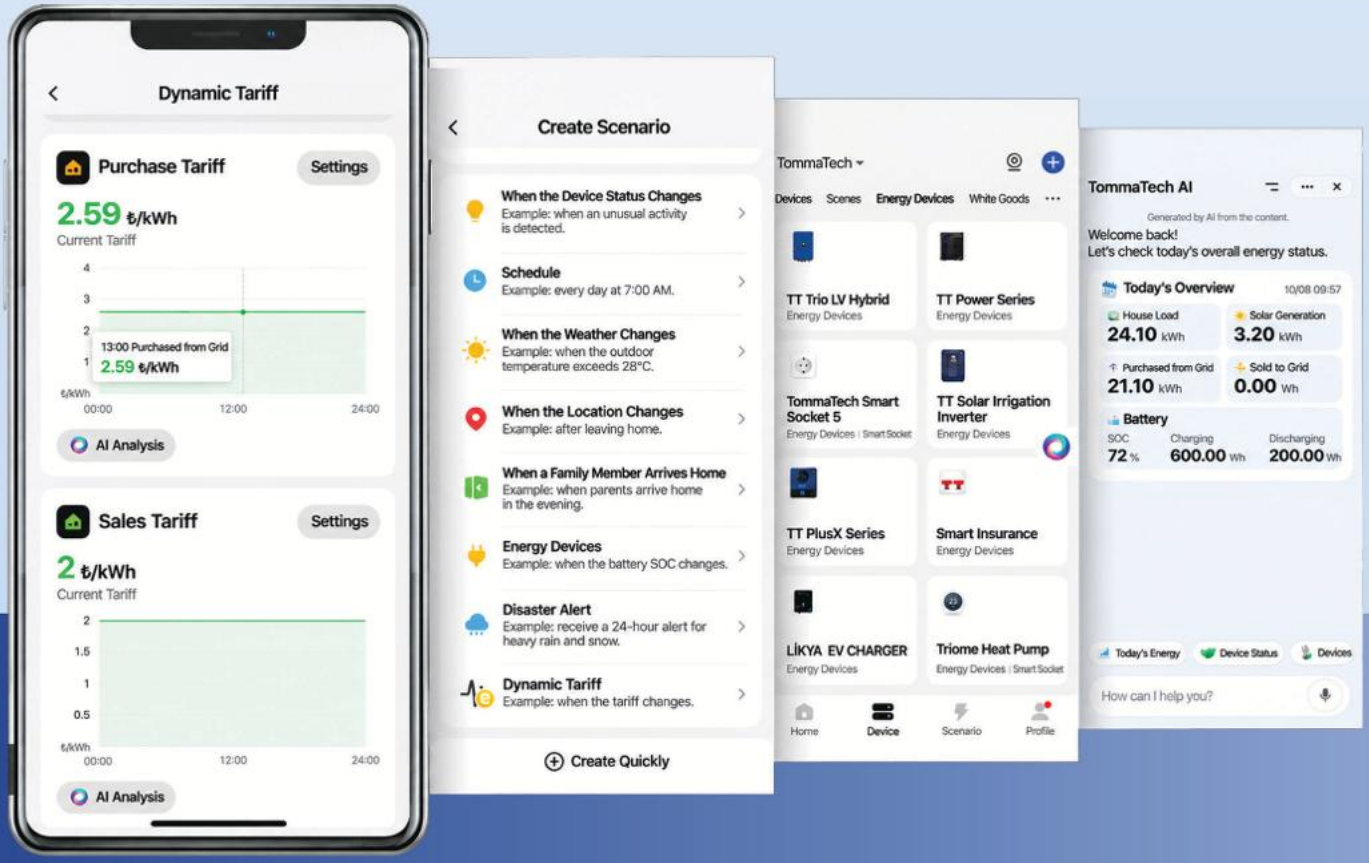
22 Sensors

23 Wi-Fi Socket

24 Hydrogen Systems

TOMMATECH GmbH
GERMAN-based company
CLOUD

Generate Your Home's Energy, Manage Your Comfort One Place.



Scenarion and Automation

Real - Time Monitoring

Remote Access

Artificial Intelligence

Compatible with Voice Assistant

Download on the App Store

Get it on Google Play

“One Brand, One Application”

TommaTech Cloud

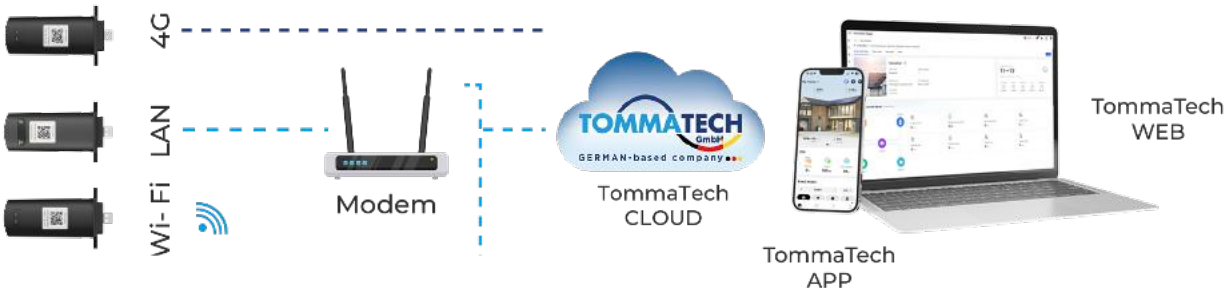
Easy Operation

With TommaTech Cloud, remote monitoring of all your devices via a single application and control can be easily achieved. From the voltage and current values received from the panels to the charge level of your high voltage battery, from the instantaneous power need of your home to the instantaneous consumption of the EV Charger, from the operating mode selection of the hybrid inverter to the water temperature change via the heat pump, you can make many setting changes and perform remote monitoring.

Easy Access

Thanks to various remote monitoring accessories, depending on the installation location, it offers the option of wired or wireless remote monitoring.

Via WEB or APP, you can easily log in from anywhere at any time.
By logging in via WEB, you can access the detailed data of your system and generate reports on a daily, monthly, or yearly scale.



WHAT IS AN ELECTRIC VEHICLE CHARGER?

Electric vehicle chargers are systems that perform the charging process by transferring electrical energy to the vehicle's battery safely and in a controlled manner. Transmitting the energy drawn from the grid in accordance with the vehicle's needs, these devices offer an efficient charging experience by managing the charging power, battery status, and safety parameters. With different power options and models suitable for various usage needs, they provide solutions for both individual and commercial use.

HOW DOES AN ELECTRIC VEHICLE CHARGER WORK?

Electric vehicle chargers properly transfer the energy drawn from the electrical grid to the vehicle's battery. In AC (Alternating Current) charging systems, the energy is converted into DC (Direct Current) energy by the charging unit inside the vehicle and transmitted to the battery. In DC chargers, however, the conversion is performed inside the device and the energy is transferred directly to the battery. Operating in accordance with charging power, vehicle compatibility, and the battery management system, these systems provide safe and controlled charging.

WHY ELECTRIC VEHICLE CHARGER?

Electric vehicle chargers not only meet the energy needs of vehicles but also enable users to manage their charging processes more practically and efficiently. Thanks to different power options, they adapt to various application areas from residential to commercial enterprises. With smart charging management, safety features, and durable designs, they offer ease of daily use while contributing to the development of electric vehicle infrastructure.

WHERE ARE ELECTRIC VEHICLE CHARGERS USED?

Electric vehicle chargers can be used in residences, residential complexes, offices, workplaces, parking lots, shopping malls, hotels, fuel stations, and rest areas. Additionally, they offer charging solutions suitable for different needs for commercial vehicle fleets, electric vehicle rental companies, and corporate businesses.

WHEN IS IT USED?

Electric vehicle chargers can be used at any time of the day depending on the vehicle's battery level and usage needs. They provide charging capability during long-term parking in residential and workplace applications, and at times suitable for the vehicles' usage schedule in commercial areas.

WHO USES THE VEHICLE CHARGER?

Electric vehicle chargers are preferred by individual electric vehicle owners, residential and housing estate managements, businesses, hotels, parking lot operators, fleet managers, and companies providing electric vehicle charging services.

ADVANTAGES OF ELECTRIC VEHICLE CHARGERS

Fast and Efficient Charging: Provides solutions suitable for the charging needs of vehicles with different power options.

Safe Charge Management: Helps execute the charging process in a controlled manner and monitor safety parameters.

Smart Control: Provides ease of use with smart charge management and remote control features in supported models.

Wide Application Area: Adapts to different applications ranging from residential to commercial enterprises and vehicle fleets.

Durable Design: Aims for long-lasting use with models suitable for indoor and outdoor use.

User-Friendly Experience: Facilitates daily use with an easy-to-use interface and practical charging features.

Flexible Solution Options: Offers solutions for various needs with different power and installation alternatives.

AC EV CHARGERS AND PANEL



TOMMATECH TYPE2 5M
EV CHARGING CABLE

EVC-TT-TF-CBL-TYPE2



AC EV CHARGER PANEL

SF-PN-ŞARJ-22KW-

DC EV CHARGERS



60kW

EVC-TT-DC-60kW-200A



120-180kW

EVC-TT-DC-120kW-300A

EVC-TT-DC-180kW-300A



240-360 kW

EVC-TT-DC-240kW-300A





22 KW AC WİTH SOCKET
EVC-LIKYA-AC-22K-WF



22 KW AC WİRED
EVC-LIKYA-AC-22K-WF-KBL





30 - 40 kW DC
EVC-TT-DC 30 -40 kW



60 - 80 kW DC
EVC-TT-DC 60 - 80 kW



90 - 400 kW DC
EVC-TT-DC 90 - 400 kW

At Your Home Smart Charging Experience

Adjustable Output Power

Wi-Fi & Bluetooth Control Suitable for Indoor and Outdoor Use



Perfect Fit for Every Need

AC & DC Charging Solutions

Wide power options for different applications

60 kW – 180 kW



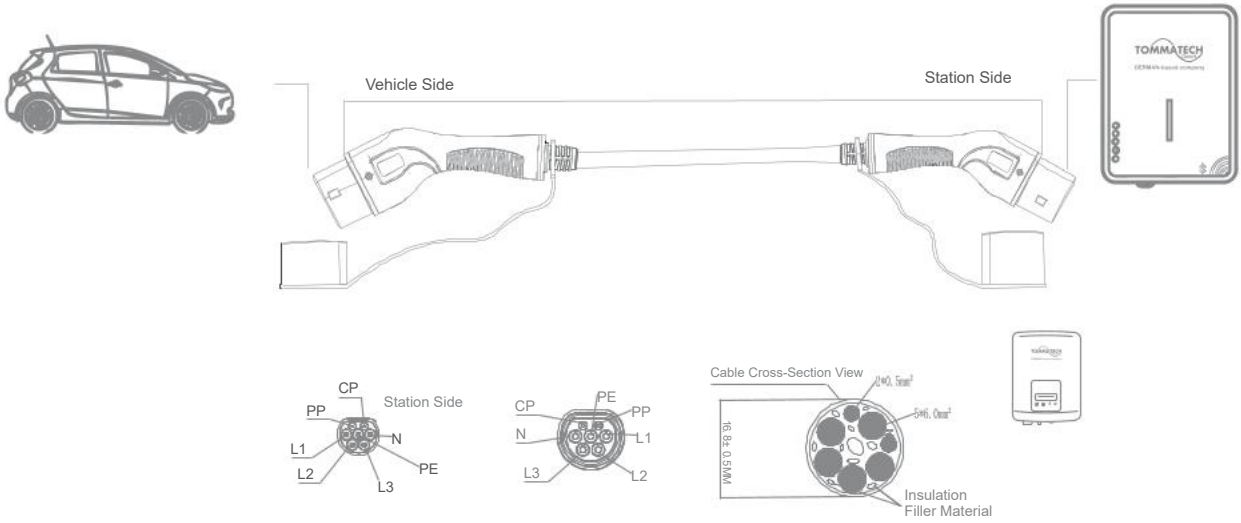
VEHICLE CHARGING CABLE
TYPE2 32A 5M



Product Features

- Efficiency
- %100 Solar Compatible
- Safe Charging Technology
- 2 YEAR Product Warranty
- 7/24 Call Center
- IP55 Protection Class
- Indoor and Outdoor Use

Connection Diagram



GENERAL SPECIFICATIONS	EVC-TT-TF-CBL-TYPE2
Nominal Voltage	AC 400V
Nominal Current	32A
Insulation Resistance	≥100MΩ
Nominal Power	22KW
Contact Resistance	0.5mΩ
Operating Temperature Range	(-35°C ~ +50°C)
Mechanical Life	Plug and unplug ≥ 10000 times
Protection Class	IP55

Type2 32A 5m
VEHICLE CHARGING CABLE

22kW
AC OUTPUT POWER

HIGH QUALITY
USER-FRIENDLY

The Type2 32A 5m vehicle charging cable is used to charge electric vehicles quickly and safely. While charging electric vehicles in a short time with 22kW output power, it provides maximum efficiency with its 32A current capacity. It is ideal for use with 22 kW AC devices used indoors and outdoors for residential and commercial purposes. It is flexible and practical. The Type2 32A 5m vehicle charging cable is manufactured from high-quality materials. It is durable and long-lasting. It operates seamlessly with all Type2 compatible vehicles and ensures ease of use with its user-friendly design.

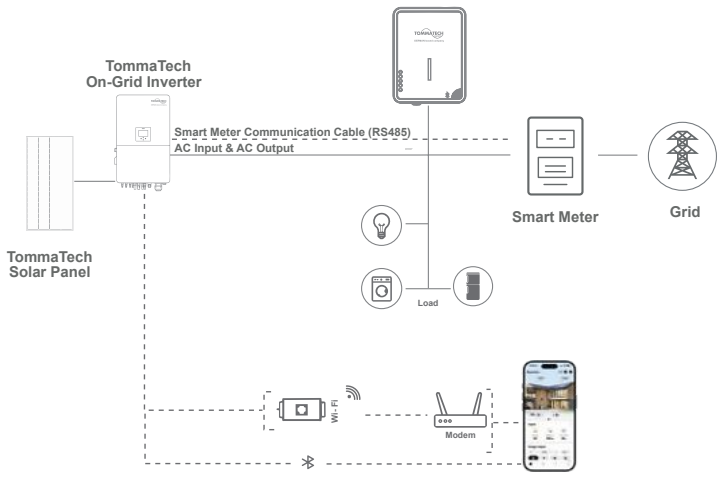
RESIDENTIAL ELECTRIC VEHICLE CHARGER
TOMMATECH LIKYA AC VEHICLE CHARGERS (WITH SOCKET)



Product Features

- %100 Solar Compatible
- Type 2 Cable
- IP54 Protection Class
- Efficiency
- %100 Domestic Software
- Wi-Fi
- 2 YEARS Product Warranty
- Bluetooth
- Indoor and Outdoor Use

Connection Diagram



AC NOMINAL INPUT	
Phases/Lines	For Single-Phase Connection / L1+N+PE For Three-Phase Connection / L1+L2+L3+N+PE
Voltage [V]	For Single-Phase Connection / 220+%10 For Three-Phase Connection / 380±%10
Frequency [Hz]	50 / 60

AC NOMINAL OUTPUT	
Voltage [V]	For Single-Phase Connection / 220+%10 For Three-Phase Connection / 380+%10
Current [A]	6~32
Power [kW]	For Single-Phase Connection / 1.35~7.4 For Three-Phase Connection / 4.15~22

INTERFACE	
Wi-Fi	Yes
Bluetooth	Yes
RGB Led	Yes

GENERAL DATA	
Housing Material	Plastic / Metal
Installation Method	Wall Mounting
Wall Mounting Bracket	Yes
Charging Output	Type 2 Socket Output
Operating Temperature [°C]	-30~+50
Operating Humidity [%]	%5-%95 Non-condensing
Operating Altitude [m]	<2000
Protection Class	IP54
Application Area	Indoor / Outdoor
Cooling Concept	Natural Cooling
Dimensions [mm]	337x140x253
Weight [kg]	5,6

SAFETY PRECAUTION	
Multiple Protection	Short Circuit Protection, Residual Current Protection, Grounding Protection, Surge Protection. Over-temperature Protection
Residual Current Protection	30mA Type A RCD (EN 61008) + 6mA DC protection (EN 62955)
Safety Standard	EN 61851 - 22:2002 / EN IEC 61851-21-2:2021
Regulations	2014 / 30 / EU Electromagnetic Compatibility (EMC) Directive / 2014 / 35 / EU Low Voltage Directive (LVD)
Warranty [years]	2

TommaTECH AC EV Chargers have been developed to meet the daily charging needs of electric vehicle owners. They are especially ideal for use in locations where vehicles remain parked for extended periods, such as residential buildings, detached houses, residential complex car parks, and workplaces.

They are suitable for both single-phase and three-phase operation. Thanks to their low installation cost, ease of use, and compatibility with existing electrical infrastructure, they are among the most preferred charging solutions for individual users.

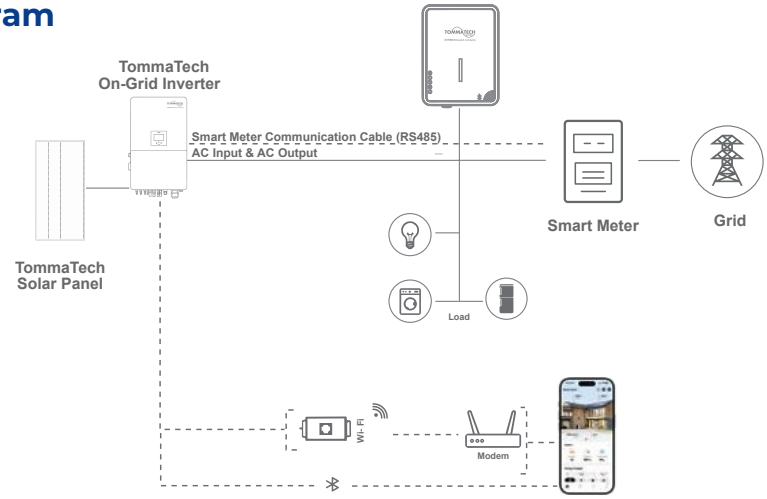
RESIDENTIAL ELECTRIC VEHICLE CHARGER
TOMMATECH LIKYA AC CHARGER (WITH CABLE)



Product Features

- %100 Solar Compatible
- Type 2 Cable
- IP54 Protection Class
- Efficiency
- %100 Domestic Software
- Wi-Fi
- 2 YEARS Product Warranty
- Bluetooth
- Indoor and Outdoor Use

Connection Diagram



AC NOMINAL INPUT	
Phases/Lines	For Single-Phase Connection / L1+N+PE For Three-Phase Connection / L1+L2+L3+N+PE
Voltage [V]	For Single-Phase Connection / 220+%10 For Three-Phase Connection / 380±%10
Frequency [Hz]	50 / 60

AC NOMINAL OUTPUT	
Voltage [V]	For Single-Phase Connection / 220+%10 For Three-Phase Connection / 380+%10
Current [A]	6~32
Power [kW]	For Single-Phase Connection / 1.35 / 3.2 / 3.7 / 7.4 For Three-Phase Connection / 4.15 / 7 / 11 / 22

INTERFACE	
Wi-Fi	Yes
Bluetooth	Yes
RGB Led	Yes

GENERAL DATA	
Housing Material	Plastic / Metal
Installation Method	Wall Mounting
Wall Mounting Bracket	Yes
Charging Output	Charging Cable with Type 2 Connector
Operating Temperature [°C]	-30~+50
Operating Humidity [%]	%5-%95 Non-condensing
Operating Altitude [m]	<2000
Protection Class	IP54
Application Area	Indoor / Outdoor
Cooling Concept	Natural Cooling
Dimensions [mm]	337x140x253
Weight [kg]	6,2

SAFETY PRECAUTION	
Multiple Protection	Short Circuit Protection, Leakage Current Protection, Grounding Protection, Surge Protection. Overtemperature Protection
Residual Current Protection	30mA Type A RCD (EN 61008) + 6mA DC protection (EN 62955)
Safety Standard	EN 61851-22:2002 - EN IEC 61851-21-2:2021
Regulations	2014 / 30 / EU Electromagnetic Compatibility (EMC) Directive - 2014 / 35 / EU Low Voltage Directive (LVD)
Warranty [years]	2

TommaTECH AC EV Chargers have been developed to meet the daily charging needs of electric vehicle owners. They are especially ideal for use in locations where vehicles remain parked for extended periods, such as residential buildings, detached houses, residential complex car parks, and workplaces.

They are suitable for both single-phase and three-phase operation. Thanks to their low installation cost, ease of use, and compatibility with existing electrical infrastructure, they are among the most preferred charging solutions for individual users.

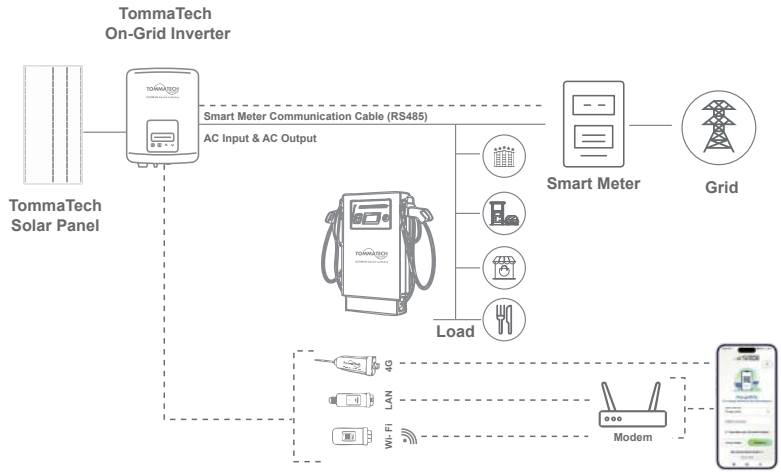
HIGH-SPEED DC ELECTRIC VEHICLE CHARGER DC
HIGH-SPEED ELECTRIC VEHICLE CHARGER



Product Features

- High Speed
- %100 Solar Compatible
- Lightning Protection
- 7/24 Call Center
- IP54 Protection Class
- Efficiency
- OCPP 1.6J
- Safe Charging Technology
- %100 Domestic Software
- Indoor and Outdoor Use

Connection Diagram



POWER INPUT			EVC-TT-DC 60KW-200A	EVC-TT-DC 120KW-300A	EVC-TT-DC 180KW-300A	EVC-TT-DC 240KW-300A
Charge Type			DC fast charging			
Output Options			CCS2 Cable			
AC Input Power at 400 V 50 Hz			93 A, 6T4 kVA	192 A, 128 kVA	288A,192kVA	384A,256kVA
Input Voltage Range			380/400/415 VAC			
Input Frequency			50 Hz or 60 Hz			
DC OUTPUT	DC Output Power Rating		60 kW	120kW	180kW	240kW
	DC Output Voltage		200–1000 V DC (constant power in 300–1000 V DC range)			
	Serviced Electric Number of Vehicles		Maximum 2 (CCS2)			
	Cable Length		5.0 m			
	Maximum Current	CSS Cables	200A	300A	300A	300A
Electromagnetic Compatibility			Class A according to EN 61000-6-3:2007			
Distribution Systems			TN-S, TN-C, TN-C-S, TT (external RCD required)			
Connector Type			3P + N + PE			
Protection			Overcurrent, overvoltage, undervoltage, integrated overvoltage protection, Earth fault protection including DC leakage current protection, door opening protection			
Overvoltage Category			Tip II			
Power factor (At Full Load)			≥ 0.99	≥ 0.99		
THDi			≤ 5%			
Efficiency			≥ 93% (Pik)	≥ 94% (Pik)		
Standby Power			< 35 W			
Short Circuit Current			10 kA			
Pre-charge Current			< 1 A			
Inrush Current			< 100 A	< 100 A		
Leakage Current			0.8 mA			
Energy Measurement			Meter for DC output			
Cellular Communication			GSM / 4G/ LTE			

USER INTERFACE			
Connection Options		Internet access via 4G/3G/Ethernet (RJ45)	
User Authentication		RFID, QR code	
User Interface	7” high contrast LCD touch screen	15” high contrast LCD touch screen	
Communication Protocols		OCPP 1.6J	
RFID Reader		ISO/IEC 14443 A/B RFID reader	
Emergency Stop Button		Yes	

CONFIGURATION	
Software Update	Yes
Language System	English, French, Spanish, Turkish, German, Russian, Chinese, Italian

GENERAL SPECIFICATIONS				
Protection Degree	IP54 and IK10 (cabinet) / IK8 (touch screen)			
Housing Material	SGCC			
Operating Altitude	Up to 2000 m			
Operating Temperature	-35 °C to +55 °C			
Storage Temperature	-40 °C to +70 °C			
Humidity	<95%, non-condensing			
Mounting	Free-standing cabinet			
Dimensions (D x W x H) mm	250 x 660 x 1350		640 x 750 x 1650	
Net Weight (kg)	105	175	326	370

COMPLIANCE STANDARDS	
Codes & Standards	IEC 61851-21-2, IEC 61000, IEC/EN 61851-1, IEC 61851-23, IEC 61851-24 IEC 62196-1, IEC 62196-3
Communication with Electric Vehicle	DIN 70121, ISO/IEC 15118

*Cable can be customized upon request. Product technical specifications are subject to change without prior notice.

TommaTech DC Fast Chargers offer fast, reliable, and high-performance charging solutions with various power options, tailored to the needs of commercial enterprises and high-usage areas. DC power modules are manufactured to be resistant to dusty and salty weather conditions. Compliant with the OCPP standard, the devices offer a user-friendly interface with a multi-language touch LCD screen and multi-functional buttons. With a 300 A nominal output current and Booster technology, the current capacity can be increased up to 400 A. Thus, simultaneous charging power of up to 240 kW per output is offered, providing fast and efficient charging.

LCD SCREEN
MULTI-LANGUAGE
SUPPORT TOUCH SCREEN

360 kW
CHARGING POWER

MAXIMUM 400 A
CURRENT CAPACITY



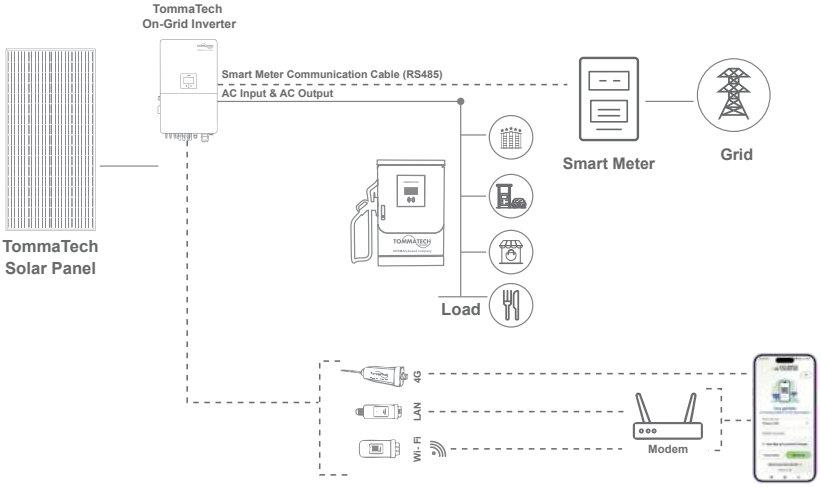
TOMMATECH HIGH SPEED DC (30-40 kW)
ELECTRIC VEHICLE CHARGER



Product Features

- High Speed
- %100 Solar Compatible
- Lightning Protection
- 7/24 Call Center
- IP54 Protection Class
- Efficiency
- OCPP 1.6J
- Safe Charging Technology
- %100 Domestic Software
- Indoor and Outdoor Use

Connection Diagram



POWER INPUT	30kW	40kW
Input Voltage	400VAC	
Input Current	80A	
Input Frequency	50Hz	
Power Factor	0,98	
Measurement	Internal DC Meter	
Efficiency	%96 Efficiency	
POWER OUTPUT		
Output Voltage	150-1000VDC	
Output Interface	CCS2 - CCS1 - GBT DC (CCS1 and GBT DC are optional.)	
Output Current	100A	150A
PROTECTION		
Built-in AC RCD	30mA	
Built-in DC RCD	DC Isolation 6mA	
Surge Arrester	40kA Type C	
USER INTERFACE		
Language	Turkish & English	
Status Indicator	Led	
Charging Start Options	RFID, App	
COMMUNICATION		
Network Interface	4G, Wifi, Ethernet	
Protocol	OCCP1.6J, OCCP2.1e upgradable.	
ENVIRONMENTAL FACTORS		
Operating Temperature	From -30° to +50°	
Altitude	Up to 2000m	
MECHANICAL SPECIFICATIONS		
Protection Class IP (IEC 60529)	IP54	
Impact Protection IK (IEC 62262)	IK10	
DISPLAY		
Display Size	7”	
PHYSICAL SPECIFICATIONS		
Dimensions (D x W x H) [mm]	750x300x1200	
Weight (kg)	120 Kg	

PRODUCT CODE	PRODUCT NAME	MODEL NO
EVC-TT-DC030KW-100A-1G	TommaTech DC 30KW 100A Single Output EVC	DC030K1G
EVC-TT-DC040KW-150A-1G	TommaTech DC 40KW 150A Single Output EVC	DC040K1G

Manufactured in accordance with state-of-the-art industry standards and the OCPP protocol. Its outdoor-resistant design, provides protection against solid and liquid ingress, thus making the device highly durable and reliable. It allows customers, via an authorized RFID smart card or mobile application, to easily control charging start and stop operations.
It offers a user-friendly interface with its high-contrast display and multi-function buttons.
Furthermore, with a 150A current rating, it allows increasing the simultaneous charging capacity up to 40 kW per output.

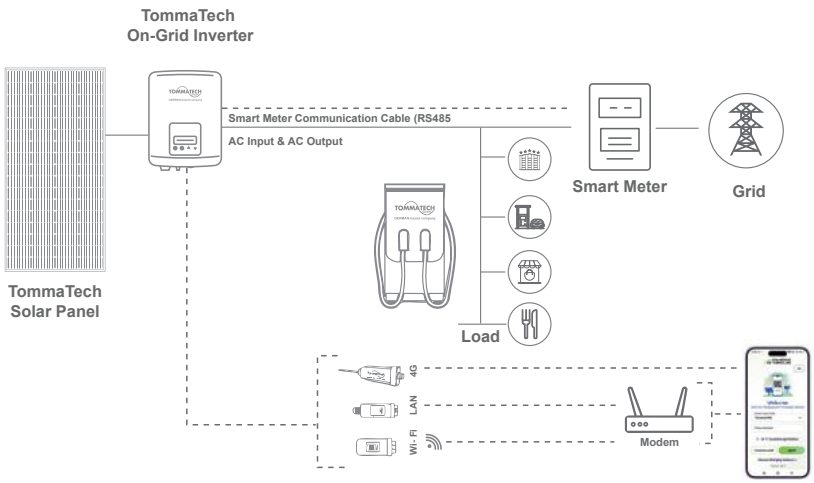
TOMMATECH HIGH-SPEED DC (60-80 kW)
ELECTRIC VEHICLE CHARGER



Product Features

- High Speed
- %100 Solar Compatible
- Lightning Protection
- 7/24 Call Center
- IP54 Protection Class
- Efficiency
- OCPP 1.6J
- Safe Charging Technology
- %100 Domestic Software
- Indoor and Outdoor Use

Connection Diagram



POWER INPUT	60kW	80kW
Input Voltage	400VAC	
Input Current	125A	160A
Input Frequency	50Hz	
Power Factor	0,98	
Measurement	Internal DC Meter	
Efficiency	%96 Efficiency	

POWER OUTPUT		
Output Voltage	150-1000VDC	
Output Interface	CCS2 - CCS1 - GBT DC (CCS1 and GBT DC are optional.)	
Output Current	200A	250A

PROTECTION	
Built-in AC RCD	30mA
Built-in DC RCD	DC Isolation 6mA
Surge Arrester	40kA C Tipi

USER INTERFACE	
Language	Turkish & English
Status Indicator	Led
Charging Start Options	RFID, App

COMMUNICATION	
Network Interface	4G, Wifi, Ethernet
Protocol	OCCP1.6J, OCCP2.1e upgradable.

ENVIRONMENTAL FACTORS	
Operating Temperature	From -30° to +50°
Altitude	Up to 2000m

MECHANICAL SPECIFICATIONS	
Protection Class IP (IEC 60529)	IP54
Impact Protection IK (IEC 62262)	IK10

DISPLAY	
Display Size	7”

PHYSICAL SPECIFICATIONS		
Dimensions (D x W x H) [mm]	750 x 320 x 1550	
Weight (kg)	190 kg	240 kg

PRODUCT CODE	PRODUCT NAME	MODEL NO
EVC-TT-DC060KW-200A-1G	TommaTech DC 60kW 200A Single Output EVC	DC060K1G
EVC-TT-DC060KW-200A-2G	TommaTech DC 60kW 200A Dual Output EVC	DC060K2G
EVC-TT-DC080KW-250A-2G	TommaTech DC 80kW 250A Dual Output EVC	DC080K2G

Manufactured in compliance with state-of-the-art industry standards and the OCPP protocol. Its outdoor-resistant design provides protection against solid and liquid ingress, making the device highly durable and reliable. It allows customers to easily control charge start and stop operations via an authorized RFID smart card or mobile application. It offers a user-friendly interface with its high-contrast display and multi-function buttons. Furthermore, with a 250A current rating, it allows increasing the simultaneous charge capacity up to 80 kW per output.

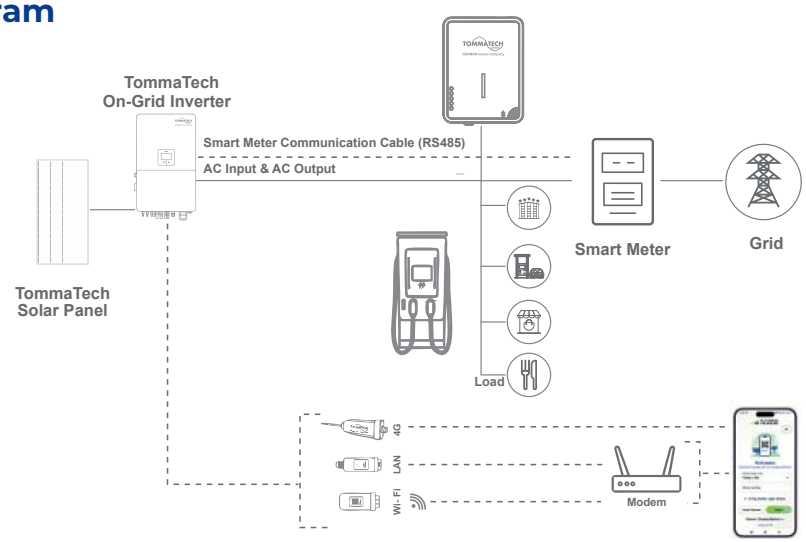
TOMMATECH HIGH-SPEED DC (90-400 kW)
ELECTRIC VEHICLE CHARGER



Product Features

- High Speed
- %100 Solar Compatible
- Lightning Protection
- 7/24 Call Center
- IP54 Protection Class
- Efficiency
- OCPP 1.6J
- Safe Charging Technology
- %100 Domestic Software
- Indoor and Outdoor Use

Connection Diagram



POWER INPUT	90kW	120kW	160kW	180kW	240kW	320kW	400kW
Input Voltage	400VAC						
Input Current	160A	200A	250A	300A	400A	500A	630A
Input Frequency	50Hz						
Power Factor	0,98						
Measurement	Internal DC Meter						
Efficiency	%96 Efficiency						
POWER OUTPUT							
Output Voltage	150-1000VDC						
Output Interface	CCS2 - CCS1 - GBT DC (CCS1 and GBT DC are optional.)						
Output Current	300A	400A	500A	500A	500A	600A	600A
PROTECTION							
Built-in AC RCD	30mA						
Built-in DC RCD	DC Isolation 6mA						
Surge Arrester	40kA Type C						
USER INTERFACE							
Language	Turkish & English						
Status Indicator	LED						
Charging Start Options	RFID, App						
COMMUNICATION							
Network Interface	4G, Wifi, Ethernet						
Protocol	OCCP1.6J, OCCP2.1e upgradable.						
ENVIRONMENTAL FACTORS							
Operating Temperature	From -30° to +50°						
Altitude	Up to 2000m						
MECHANICAL SPECIFICATIONS							
Protection Class IP (IEC 60529)	IP54						
Impact Protection IK (IEC 62262)	IK10						
DISPLAY							
Display Size	15"(optional 32")						
PHYSICAL SPECIFICATIONS							
Dimensions (D x W x H) [mm]	750 x 600 x 2000			750 x 800 x 2000		750 x 900 x 2000	
Weight (kg)	240 kg	332 kg	362 kg	392 kg	640 kg	670 kg	700 kg

PRODUCT CODE	PRODUCT NAME	MODEL NO
EVC-TT-DC090KW-300A-1G	TommaTech DC 90kW 300A Single Output EVC	DC090K1G
EVC-TT-DC090KW-300A-2G	TommaTech DC 90kW 300A Dual Output EVC	DC090K2G
EVC-TT-DC120KW-400A-2G	TommaTech DC 120kW 400A Dual Output EVC	DC120K2G
EVC-TT-DC160KW-500A-2G	TommaTech DC 160kW 500A Dual Output EVC	DC160K2G
EVC-TT-DC180KW-500A-2G	TommaTech DC 180kW 500A Dual Output EVC	DC180K2G
EVC-TT-DC240KW-500A-2G	TommaTech DC 240kW 500A Dual Output EVC	DC240K2G
EVC-TT-DC320KW-600A-2G	TommaTech DC 320kW 600A Dual Output EVC	DC320K2G
EVC-TT-DC400KW-600A-2G	TommaTech DC 400kW 600A Dual Output EVC	DC400K2G

Manufactured in accordance with state-of-the-art industry standards and the OCPP protocol. Its outdoor-resistant design provides protection against solid and liquid ingress, making the device highly durable and reliable. It allows customers to easily control charge start and stop operations via an authorized RFID smart card or a mobile application.
It offers a user-friendly interface with its high-contrast display and multi-function buttons. Additionally, with a 600A current rating, it allows increasing the simultaneous charge capacity up to 400 kW per output.

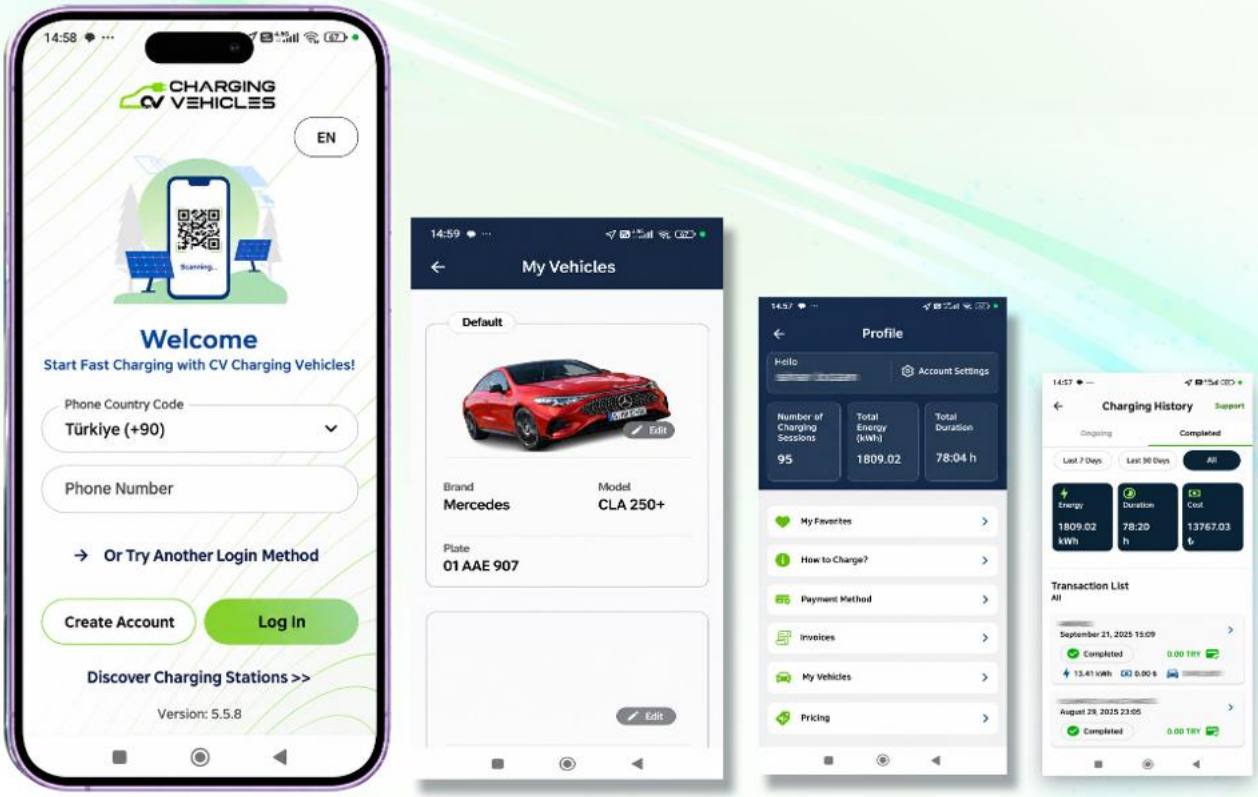
Join the Charging Network with

CHARGING VEHICLES

and

Future-Proof Your Investment.





Download on the App Store

Get it on Google Play

CHARGING VEHICLES
Powered by CW Enerji

JOIN THE CHARGE NETWORK WITH CV CHARGING VEHICLES, CARRY YOUR INVESTMENT INTO THE FUTURE

With charge solutions suitable for your business or investment plans, you can join the electric vehicle charge ecosystem and connect your location with the transportation technologies of the future.

Why CV Charging Vehicles?

- **Take Your Place in the Growing Market:** Take your place in the charging infrastructure market expanding with the development of electric mobility.
- **Utilize Your Location:** Take advantage of the opportunity to add a charging station to your business, parking lot, or suitable location.
- **Join the Charging Network:** Include your stations in the network ecosystem by joining the CV Charging Vehicles charging network.
- **Invest in the Future:** Take advantage of an investment opportunity tailored to future transportation needs, contributing to the widespread adoption of electric vehicles.

CV CHARGING VEHICLES MOBILE APPLICATION DEFINITIONS

Make Your Charging Experience Smart and Easy

CV Charging Vehicles offers a practical, reliable, and user-friendly charging experience to electric vehicle users. Through our mobile application, you can easily manage your charging operations, view your past charging records, and make the charging process more effortless with the Auto Charge feature.

Easy Charge Management with the Mobile App

- **Starting and Stopping the Charge:** You can easily start your charging process via the mobile application and end it at any time.
- **Charging History:** You can track your charging history by viewing your previous charging operations.
- **Auto Charge – Plug and Charge:** The charging process starts automatically when your vehicle is recognized by the system. This feature, which reduces the need for manual operation, makes the charging experience faster and more practical.
- **Single App Control:** You can make your electric vehicle usage more comfortable by easily managing your charging operations via your mobile device.

TOMMATECH GmbH

GERMAN-based company



TOMMATECH GmbH

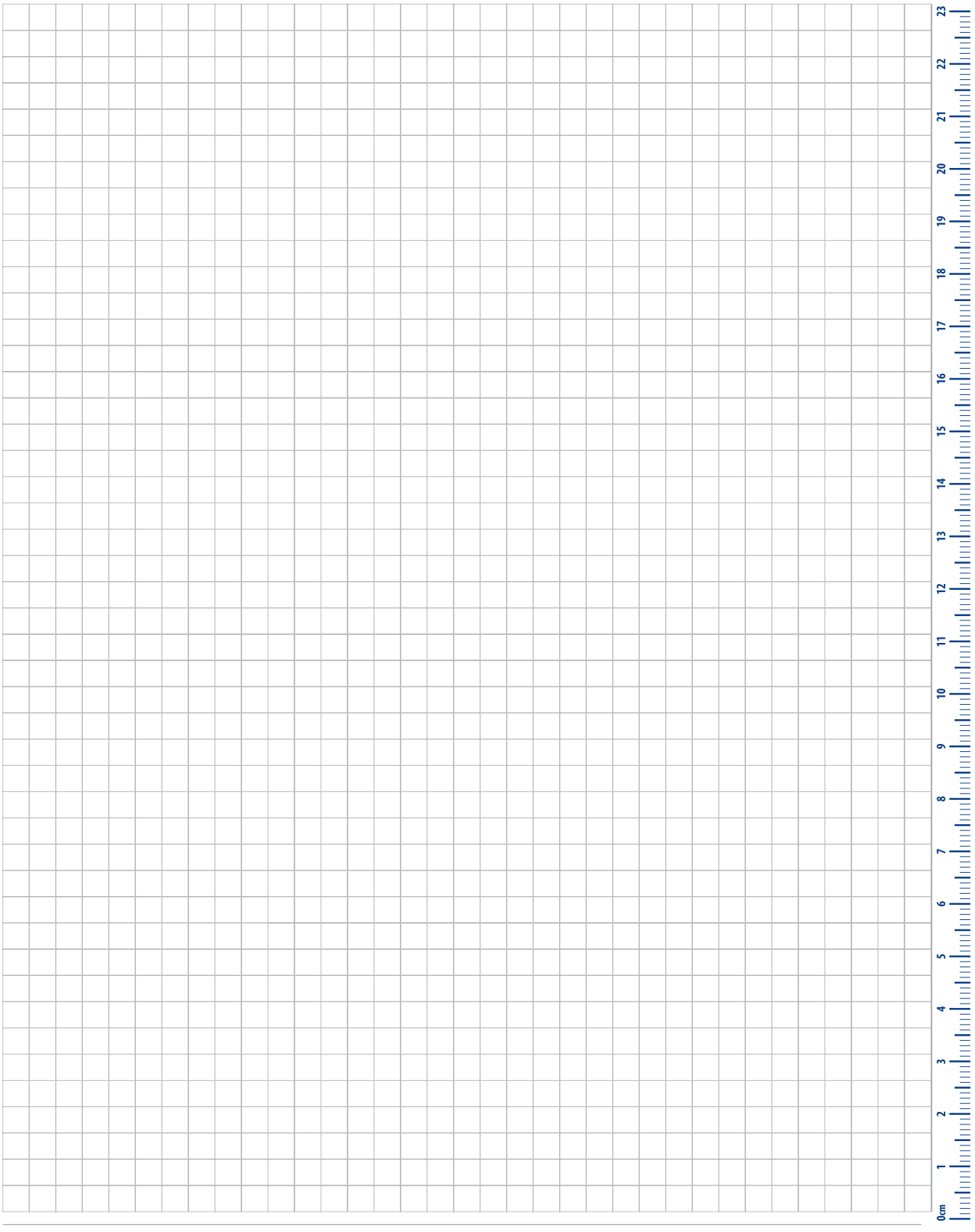
GERMAN-based company



TOMMATECH GmbH

GERMAN-based company

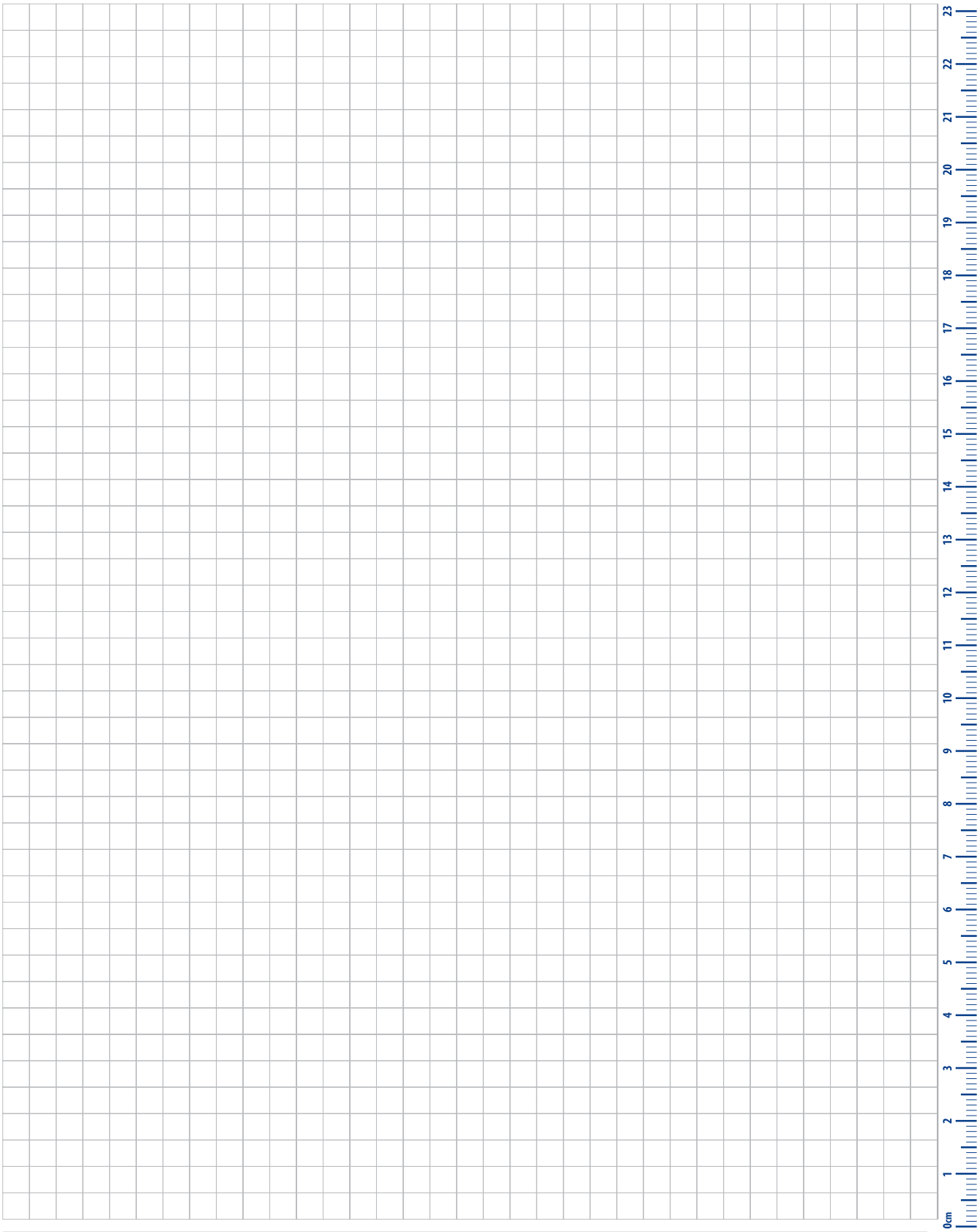
Date :.....



TOMMATECH GmbH

GERMAN-based company

Date :.....



tommatech.de



www.tommatech.de
München · GERMANY