



Uno-Trio Electric Vehicle Charger

Smart EV Charger Trio-EVC-22.0

Simple. Reliable. Efficient.



Trio EV Charger 22.0kW With / Without Cable

TommaTech EV Chargers allow quick and simple charging of electric vehicles with different charging standards via Type II connectors in Eco-Mode, Fast-Charging and Custom-Mode. Based on their smart design, the EV Chargers can be installed indoor and outdoor and operated within a high temperature range, which makes TommaTech EV Chargers the preferred choice for residential, office or public applications.

Additionally, the compatibility with TommaTech Trio and Uno Hybrid Inverters allow the charging of stored solar electricity from the battery at night thus enabling highest utilization of charging assets.

Trio-EVC-22.0

AC NOMINAL INPUT

Phases/Lines	Three Phase /L1+L2+L3+N+PE
Voltage [V]	400±10%
Frequency [Hz]	50/60

AC NOMINAL OUTPUT

Voltage [V]	400±%10
Current [A]	32
Power [kW]	22

INTERFACE

Wi-Fi or 4G LTE	Optional
RS485	Yes
RFID	Yes
OCPP 1.6 (JSON)	Optional
LCD Screen	Optional
CT Clamps	Trio Option

GENERAL DATA

Housing Material	Plastic/Metal
Installation Method	Wall - Mount
Wall-mount Bracket	Yes
Charging Outlet	One Charging Cable and Connector (Type2) / Socket- Outlet
Cable Length [m]	5
Operating Temperature [°C]	-20~+50
Operating Humidity [%]	5%- 95% Without Condensation
Operating Altitude [m]	<2000
Degree of Protection	IP54
Application Site	Indoor / Outdoor
Cooling Concept	Natural Cooling
Dimension (WxHxD) [mm]	249x370x142
Net Weigth [kg]	6.2

SECURITY PROTECTION

Multiple Protection	Over / Under Voltage Protection, Overload Protection, Shortcircuit Protection,
Integral Earth Leakage	Current Leakage Protection, Grounding Protection, Surge Protection, Overtemperature Protection
Protection Integral	30mA Type A RCD (EN 61008) + 6mA DC protection (EN 62955)
Encrypted Communication	TLS
Safety Standard	IEC 61851-1:2017, IEC 62196-2:2016
Built-in PEN Fault Technology	Yes
Warranty [years]	3 (5 Optional)

* TommaTech GmbH reserves the right to change the specification of product without prior notice.