Uno-Trio Inverter Accessories

Uno-Trio İnverter
Accessories
**Dongle Wi-Fi / Dongle LAN / 4G Dongle
Wi-Fi+LAN Dongle / 4G+Wifi Dongle /
Wi-Fi Plus Dongle / Mobile Wi-Fi / Mobile Lan
Remote Wi-Fi / EPS Box / Smart Meter**

Simple. Reliable. Efficient.

3 Communication Options

Instant Messages

Remote Monitoring

Continuous Power Supply

Energy Management

Dongle Wi-Fi

Dongle LAN

4G Dongle

Wifi+LAN Dongle

4G+WiFi Dongle

Wi-Fi Plus Dongle

Mobile Wi-Fi

Mobile Lan

Remote Wi-Fi

EPS Box
Uno / Trio

Smart Meter
Uno / Trio

Monitor Over The World
Wherever you are in the world, as long as you have a wifi connection you can check up on your TommaTech system. View its current production, money saved and even trees planted!

Battery Management
Use the TommaTech Portal to check the status of your battery. View live data and check the historical performance using a range of reporting tools.

Accessible Via App Or Web
The TommTech Portal is available via app or web browser, whichever you prefer. Our app can also be found in either the iOS or the Android store.

Email Reporting
The TommaTech Portal will send you detailed email reports regarding your systems status, the intelligent portal will pick up on any fault and ping an in-depth report to the specified email address.

TOMMATECH GmbH
GERMAN-based company

Dongle Wi-Fi

Product Features

› Quick installation with "Plug & Play" function
› IP 65 dust prevention water proofing designs
› Stable data transmission and good reliability
› Offline data storage and resuming
› Multiple antenna adaptations according to the situation

Dongle Wi-Fi

Product Name	Dongle Wi-Fi
Model	Dongle Wi-Fi 3.0
Supply Voltage	5V 260mA DC
Frequency	Wi-Fi 2.4GHz
Antenna Gain	3dB
Data upload Intervals	5 min
Degree of Protection	IP 65
Dimension	95.5*45.7*28.5 mm
Weight	50g
Operating Temperature Range	-40°C ~ +85°C

Dongle LAN

Product Features

› Quick installation with "Plug & Play" function
› IP 65 dust prevention water proofing designs
› Stable data transmission and good reliability
› Offline data storage and resuming

Dongle LAN

Product Name	Dongle LAN
Model	Dongle LAN 3.0
Supply Voltage	5V 180mA DC
Frequency	2.400~2.472GHz
Antenna Gain	3dB
Data upload Intervals	5 min
Degree of Protection	IP 65
Dimension	112*45.7*28.5 mm
Weight	75g
Ethernet	10/100M
Operating Temperature Range	-25°C ~ +75°C

4G Dongle

Product Features

› Quick installation with "Plug & Play" function
› IP 65 dust prevention water proofing designs
› Stable data transmission and good reliability
› Offline data storage and resuming
› Multi-communication operator support

4G Dongle

Product Name	4G Dongle
Supply Voltage	5V 500mA DC
Data Upload Intervals	5 min
Degree of Protection	IP 65
Dimension	112*45.7*28.5 mm
Weight	135g
Operating Temperature Range	35°C ~ +75°C
SIM Card Size	Nano - 4FF 12.3*8.8 mm

Wi-Fi Plus Dongle

Product Features

› Quick installation with "Plug & Play" function
› IP 65 dust prevention water proofing designs
› Stable data transmission and good reliability
› Offline data storage and resuming
› Multiple antenna adaptations according to the situation
› 10 second live data monitoring
› Modbus TCP support

Wi-Fi Plus Dongle

Product Name	Wi-Fi Plus Dongle
Model	Wi-Fi Plus Dongle 3.0
Supply Voltage	5V 260mA DC
Frequency	Wi-Fi 2.4GHz
Antenna Gain	3dB
Data upload Intervals	5 min
Degree of Protection	IP 65
Dimension	112*45.7*28.5 mm
Weight	107±10g
Operating Temperature Range	−35°C ~ +60°C

Wi-Fi+LAN Dongle

Product Features

› Quick installation with "Plug & Play" function
› IP 65 dust prevention water proofing designs
› Stable data transmission and good reliability
› Offline data storage and resuming
› 10 second live data monitoring
› Modbus TCP support

Wifi+LAN Dongle

Product Name	Wifi+LAN Dongle
Model	Wifi+LAN Dongle 3.0
Supply Voltage	5V 180mA DC
Frequency	WiFi 2.4 GHz
Antenna gain	3 dB
Data upload Intervals	5 min
Degree of Protection	IP 65
Dimension	112*45.7*28.5 mm
Weight	80±10 g
Ethernet	10/100M
Operating Temperature Range	−35°C ~ +60°C

4G+Wi-Fi Dongle

Product Features

› Quick installation with "Plug & Play" function
› IP 65 dust prevention water proofing designs
› Stable data transmission and good reliability
› Offline data storage and resuming
› 10 second live data monitoring
› Modbus TCP support

4G+WiFi Dongle

Product Name	Wi-Fi+4G Dongle
Supply Voltage	5V 200mA DC
Frequency	WiFi 2.4 GHz
Data Upload Intervals	5 min
Degree of Protection	IP 65
Dimension	112*45.7*28.5 mm
Weight	88±10 g
Operating Temperature Range	−35°C ~ +60°C
SIM Card Size	Nano - 4FF 12.3*8.8 mm

Mobile Wi-Fi

Mobile Wi-Fi

Product Features

› Quick installation on with "Plug & Play" function
› IP 65 dust prevention water proof design
› Stable data transmission and good reliability
› Low profile and nice exterior
› Increase the external antenna, the signal is stronger

Mobile Wi-Fi

Product Name	Mobile Wi-Fi
Model	Mobile Wifi 2.0
Supply Voltage	+3.3V
Frequency	2.400~2.472GHz
Antenna Gain	3dB
Data upload Intervals	5 min
Degree of Protection	IP 65
Dimension	108x42x28.8mm
Weight	34g

Remote Wi-Fi

Remote Wi-fi 2.0 makes the long distance monitoring of PV systems feasible and efficient by collecting information from inverter including performance, status and updating information to TommaTech Portal.

Product Features

› Quick installation on with "Plug & Play" function
› IP 65 dust prevention water proof design
› Stable data transmission and good reliability
› Low profile and nice exterior
› Increase the external antenna, the signal is stronger

Remote Wi-Fi

Product Name	Remote Wifi
Supply Voltage	+3.3V
Frequency	2.400~2.472GHz
Antenna Gain	3dB
Data upload Intervals	5 min
Degree of Protection	IP 65
Dimension	108x42x28.8mm
Weight	34g

Mobile Lan

Product Features
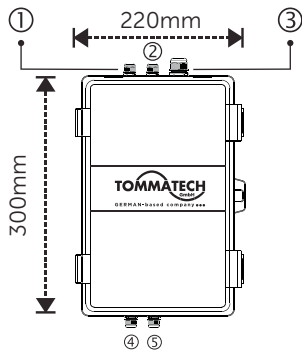
› Quick installation on with "Plug & Play" function
› IP 65 dust prevention water proof design
› Stable data transmission and good reliability
› Eco-green and modern design

Mobile Lan

Product Name	Mobile Lan
Supply Voltage	+3.3V
Data Upload Intervals	5 min
Ethernet	10/100M
Degree of Protection	IP 65
Dimension	123x29x42mm
Weight	54g

Uno EPS Box
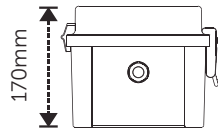
Object	Description
1	Grid L
2	Grid N+2
3	Inverter
4	EPS Load L
5	EPS Load N

TommaTech Uno - EPS Box

Grid	
Max.AC Input Current (A)	63
Rated AC Voltage (V)	230
Rated AC Frequency (Hz)	50/60
EPS	
Max.EPS Input Current (A)	17
Rated EPS Voltage (V)	230
Rated EPS Frequency (Hz)	50/60
Load	
Rated Output Current (A), On-Grid Mode	63
Rated Output Current (A), EPS Mode	17
Rated Grid Voltage (V)	230
Rated Grid Frequency (Hz)	50/60
Genaral Data	
Operating Temperature (°C)	-10~+50
Switch Time (s)	0.5
Dimension (mm)	300x220x170
Weight (kg)	3

Trio EPS Box
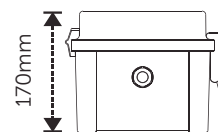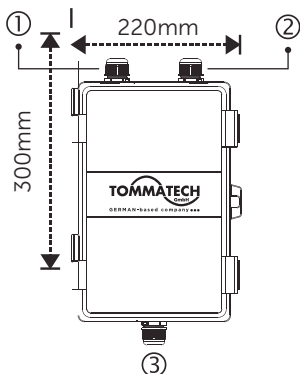
Object	Description
1	Grid
2	Inverter
3	Load

TommaTech Trio - EPS Box

Grid	
Max.AC Input Current (A)	3x63
Rated AC Voltage (V)	3/N/PE~400/230
Rated AC Frequency (Hz)	50/60
EPS	
Max.EPS Input Current (A)	3x63
Rated EPS Voltage (V)	3/N/PE~400/230
Rated EPS Frequency (Hz)	50/60
Load	
Rated Output Current (A), On-Grid Mode	3x63
Rated Output Current (A), EPS Mode	3x63
Rated Grid Voltage (V)	3/N/PE~400/230
Rated Grid Frequency (Hz)	50/60
Genaral Data	
Operating Temperature (°C)	-20~+60
Switch Time (s)	0.5
Dimension (mm)	300x220x170
Weight (kg)	4.85

TOMMATECH
GmbH
GERMAN-based company

Smart Meter

Smart meters, which are preferred depending on whether your SPP system is single phase (Uno-Smart Meter) or three phase (Trio-Smart Meter), work integratedly with the new generation TommaTech inverter series.

Uno - Smart Meter©

Uno Smart Meter, fully compatible with TommaTech Uno Series inverters (On-Grid & Hybrid), enables the system to operate in self-consumption mode with the possibility of limiting the energy fed into the grid by the inverter, and also measuring the total energy generation and consumption. *

Uno - Smart Meter©

Item	Index
Reference Voltage	220V
Current Specification	Via CT: ACl. 6(6)A Direct Input: AC 80A
Reference Frequency	5OHz
Display Method	Segment LCD
Accuracy Class	Class 1
Voltage Range	Specified Working Voltage Range: 0.9Un-1.1Un; Extended Working Voltage Range: 0.7Un-1.2Un
Working Temperature Range	Specified Working Temperature Range:-25°C-+55°C; Limited Working Temperature Range:-40°C- +70°C
Power Consumption	Voltage Loop: s,1W/5VA; Current Loop: s,2VA

Trio - Smart Meter©

Trio Smart Meter, fully compatible with TommaTech Trio Series inverters (On-Grid & Hybrid), enables the system to operate in self-consumption mode with the possibility of limiting the energy fed into the grid by the inverter, and also measuring the total energy generation and consumption. *

Trio - Smart Meter©

Item	Index
Reference Voltage	3x220V/380V, 3x57.7/100V, 3x380V, 3x100V
Current Specification	Via CT: AC3 X 1.6 (6) A Direct Input: AC3 X 5 80 A
Reference Frequency	50Hz
Display Method	Segment LCD
Accuracy Class	Active: Class 1, Reactive: Class 2
Voltage Range	Specified Working Voltage Range: 0.9 Un- 1.1 Un; Extended Working Voltage Range: 0.7 Un-1.2 Un
Working Temperature Range	Specified Working Temperature Range:-25°C- +55°C; Limited Working Temperature Range:-40°C-+70°C
Power Consumption	Voltage Loop: :SlW/SVA (Each Phase); Current Loop: :S2VA (Each Phase)

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