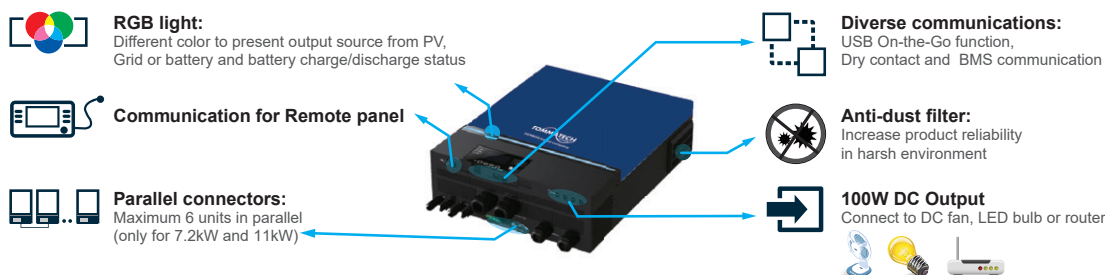




- > Customizable status LED bar with RGB lights
- > Built-in wifi for mobile monitoring via WatchPower App
- > Supports USB On-the-Go function
- > Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- > Replaceable fan design for effortless of maintenance
- > Battery independent design
- > Configurable AC/PV output usage timer and prioritization
- > Selectable high power charging current
- > Selectable input voltage range for home appliances and personal computers
- > Compatible to Utility Mains or generator input
- > Built-in anti-dust kit
- > Optional 100W DC Output
- > Parallel operation up to 6 units available for 7.2kVA and 11kVA



| MODEL | TT-MPLUS 3.6KW-24V | TT-MPLUS 7.2KW-48V | TT-MPLUS 11KW-48V |
|---|--|---|--|
| Rated Power [VA/W] | 3600/3600 | 7200/7200 | 11000/11000 |
| Parallel Capability | No | | Yes, 6 Pieces |
| INPUT | | | |
| Voltage [V AC] | | 230 | |
| Selectable Voltage Range [V AC] | | 170-280 (For Personal Computers) 90-280 (For Home Appliances) | |
| Nominal Frequency [Hz] | | 50 / 60 (Auto Sensing) | |
| INPUT DC | | | |
| Max input current per MPPT [A] | 18 | 18 | 18 |
| Max short circuit current per MPPT [A] | 22 | 22 | 22 |
| MPPT Range @ Operating Voltage [V DC] | 120 ~ 450 | | 90 ~ 450 |
| Number of MPPT | 1 | 2 | 2 |
| Strings per MPPT | 1 | 1 | 1 |
| AC OUTPUT | | | |
| AC Voltage [V AC] | | 230 ± 5% | |
| Surge Power [VA] | 7500 | 15000 | 22000 |
| Maximum Efficiency [%] | | 90-93 | |
| Transfer Time [ms] | 15 (For Personal Computers) 20 (For Home Appliances) | | 10 (For Personal Computers) 20 (For Home Appliances) |
| Waveform | | Pure Sine Wave | |
| No Load Power Consumption [W] | < 45 | | < 70 |
| BATTERY | | | |
| Battery Voltage [V DC] | 24 | | 48 |
| Floating Charge Voltage [V DC] | 27 | | 54 |
| Overcharge Protection [V DC] | 33 | 66 | 63 |
| SOLAR & AC CHARGER | | | |
| Solar Charger Type | | MPPT | |
| Max. PV Array Power [W] | 4000 | 8000 (4000 x 2) | 11000 |
| MPPT Operating Voltage Range [V DC] | 120 ~ 450 | | 90 ~ 450 |
| Max. PV Array Open Circuit Voltage [V DC] | | 500 | |
| Max. Solar Charge Current [A] | | 80 | 150 |
| Max. AC Charge Current [A] | | 80 | 150 |
| Max. Charge Current [A] | | 80 | 150 |
| PHYSICAL FEATURES | | | |
| Dimension, D x W x H [mm] | | 147.4 x 432.5 x 553.6 | |
| Net Weight [kg] | 14.1 | | 18.4 |
| Communication Interface | | USB/RS232/RS485/Wi-Fi/Dry-Contact | |
| ENVIRONMENT | | | |
| Humidity [%] | | 5 ~ 95 RH (Non-Condensing) | |
| Operating Temperature [°C] | | -10 ~ 50 | |
| Storage Temperature [°C] | | -15 ~ 60 | |
| STANDARD | | | |
| Compliance Safety | | CE | |

* TommaTech GmbH reserves the right to change the specifications of the products without prior notice.