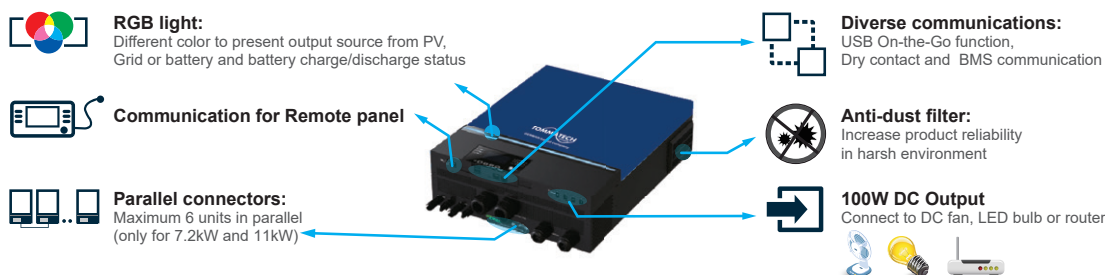




- > Customizable status LED bar with RGB lights
- > Built-in wifi for mobile monitoring via WatchPower App
- > Supports USB On-the-Go function
- > Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- > Replaceable fan design for effortless of maintenance
- > Battery independent design
- > 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
<b>INPUT</b>			
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)	
<b>INPUT DC</b>			
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
<b>AC OUTPUT</b>			
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
<b>BATTERY</b>			
Battery Voltage [V DC]	24		48
Floating Charge Voltage [V DC]	27		54
Overcharge Protection [V DC]	33	66	63
<b>SOLAR &amp; AC CHARGER</b>			
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
<b>PHYSICAL FEATURES</b>			
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	
<b>ENVIRONMENT</b>			
Humidity [%]		5 ~ 95 RH (Non-Condensing)	
Operating Temperature [°C]		-10 ~ 50	
Storage Temperature [°C]		-15 ~ 60	
<b>STANDARD</b>			
Compliance Safety		CE	

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