

TT-NEWBSC1K



TT-NEWBSC3K



TT-NEWBSC5K



- › PWM or MPPT Option
- › Selectable input voltage range
- › Fast set up
- › Overload and short circuit protection
- › Cold start function
- › Optional anti-dust kit
- › Compatible with grid and generator support as power supply



MODEL	TT 1K 12V	TT 1K 12V MPPT	TT 3K 24V	TT 3K 24V MPPT	TT 5K 48V	TT 5K 48V MPPT
Rated Power [VA/W]	1000/1000		3000 / 3000		5000 / 5000	
Parallel Capability	No					
<b>INPUT AC</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]	50	18	50	18	50	50
Max short circuit current per MPPT [A]	50	22	50	22	50	60
MPPT Range @ Operating Voltage [V]	N/A	17 ~ 80	N/A	30 ~ 80	N/A	60 ~ 115
Number of MPPT	N/A	1	N/A	1	N/A	1
Strings per MPPT	N/A	1	N/A	1	N/A	1
<b>OUTPUT</b>						
AC Voltage Regulation (Batt. Mode) [V AC]	230 ± 5%					
Surge Power [VA]	2000		6000		10000	
Efficiency (Peak) [%]	90 ~ 93					
Transfer Time [ms]	10 (For Personal Computers) ; 20 (For Home Appliances)					
Waveform	Pure Sine Wave					
<b>BATTERY</b>						
Battery Voltage [V]	12		24		48	
Floating Charge Voltage [V]	13.5		27		54	
Overcharge Protection [V]	16		33		63	
<b>SOLAR CHARGER &amp; AC CHARGER</b>						
Solar Charger Type	PWM	MPPT	PWM	MPPT	PWM	MPPT
Max. PV Array Open Circuit Voltage [V]	55	102	80	102	105	145
Max. PV Array Power [W]	600	500	1200	1000	2400	3000
MPPT Range @ Operating Voltage [V]	N/A	17 ~ 80	N/A	30 ~ 80	N/A	60 ~ 115
Max. Solar Charge Current [A]	50	40	50	40	50	60
Max. AC Charge Current [A]	20		25		60	
Max. Charge Current [A]	50	60	70	60	110	120
<b>PHYSICAL FEATURES</b>						
Dimension, D x W x H [mm]	88 x 225 x 320		100 x 285 x 334		100 x 300 x 440	
Net Weight [kg]	4.4	4.4	6.3	6.5	8.5	9.7
Communication Interface	USB/RS232					
<b>ENVIRONMENT</b>						
Humidity [%]	5 to 95 Relative Humidity (Non-condensing)					
Operating Temperature [°C]	-10 ~ 50					
Storage Temperature [°C]	-15 ~ 60					

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