

TOMMATECH NEW PRO SERIES SMART INVERTERS

TT-NEWPRO1.2K



TT-NEWPRO3K



TT-NEWPRO5K



- › Full sine wave type inverter
- › Reserved communication port for BMS
- › Wide DC solar input range
- › Battery independent design
- › High charging current support
- › Battery synchronization function to optimize battery performance and extend lifespan
- › Anti-dust kit
- › Integrated Wi-Fi for mobile monitoring



MODEL	OFG-TT-PRO1.2K-WIFI-12MF	OFG-TT-PRO3K-WIFI-24MF	OFG-TT-PRO5K-WIFI-48MF
Rated Power [VA/W]	1200/1200	3000/3000	5000/5000
AC 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)		
OUTPUT			
AC Voltage Regulation (Batt. Mode) [V AC]	230 ± 5%		
Surge Power [VA]	2400	6000	10000
Efficiency (Peak) [%]	90 ~ 93		
Transfer Time [ms]	10 (For Personal Computers) ; 20 (For Home Appliances)		
Waveform	Full Sine Wave		
BATTERY			
Battery Voltage [V]	12	24	48
Floating Charge Voltage [V]	13.5	27	54
Overcharge Protection [V]	16	32	63
SOLAR CHARGER & AC CHARGER			
Solar Charger Type	MPPT		
Max. PV Array Open Circuit Voltage [V]	350	450	500
Max. PV Array Power [W]	2000	3000	5000
MPPT Range @ Operating Voltage [V]	60~300	60~400	120~450
Max. PV Input Current [A]	13A		18A
Max. Solar Charge Current [A]	100A		
Max. AC Charge Current [A]	80A		100A
Max. Charge Current [A]	100A		
PHYSICAL FEATURES			
Dimension, D x W x H [mm]	90 x 288 x 357	110 x 288 x 390	120 x 300 x 440
Net Weight [kg]	6.5	7.2	10
Communication Interface	RS232/RS485, Opsiyonel WiFi		
ENVIRONMENT			
Humidity [%]	5 bis 95 Relative Humidity (Non-condensing)		
Operating Temperature [°C]	-10 ~ 50		
Storage Temperature [°C]	-15 ~ 60		