



TFIVMiii

TFIVMiii-3024-4000M
TFIVMiii-5048-5000M

- Detachable LCD control module with various communications
- Integrated Bluetooth interface with Android App
- Supports USB On-the-Go function
- Reserved communication port (RS-485, CAN-BUS or RS-232) for BMS
- Battery independency
- User-friendly LCD operation
- Replaceable fan design



MODEL	TFIVMiii-3024-4000M	TFIVMiii-5048-5000M
Rated Power	3000VA/3000W	5000VA/5000W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	
Surge Power	6000VA	10000VA
Efficiency (Peak)	90% ~ 93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger type	MPPT	
Maximum PV Array Power	4000W	5000W
MPP Range @ Operating Voltage	120 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum Solar Charge Current	80A	
Maximum AC Charge Current	60A	
Maximum Charge Current	80A	
PHYSICAL		
Dimension, D x W x H (mm)	115 x 300 x 400	
Net Weight (kgs)	9	10
Communication Interface	USB/RS232/RS485/Bluetooth/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	

Product specifications are subject to change without further notice.