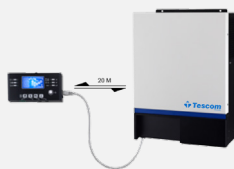


SOLAR Inverters

Off-Grid Single Phase MPPT 1.5-5KVA

A third generation off-grid inverter with rich new functions. Its detachable LCD control module can be turned to remote panel. It's also integrated with Bluetooth interface ready for mobile monitoring and supports USB on-the-go function to facilitate data upload/download. Battery independency design enhances this inverter to operate without connected batteries.



Detachable LCD
can be turned to a remote panel up to 20 meters away from the inverter.



Bluetooth
Monitor your device from your smartphone with Android app available.



USB
On-The-Go function to transfer your data without a pc or laptop.

GENERAL SPECIFICATIONS

- 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 equalization that extends lifecycle
- Battery independency
- User-friendly LCD operation
- Replaceable fan design

SOLAR Inverters

Off-Grid Single Phase
MPPT 1.5KVA - 5KVA



MODEL	INV10015FS3	INV1003FS3	INV1005FS3
TESCOM CODE		INV.0013	INV.0016
Rated Power	1500VA/1500W	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 \pm 5%		
Surge Power	3000VA	6000VA	10000VA
Efficiency (Peak)	90% ~ 93%		
Transfer Time	15 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 Open Circuit Voltage	400VDC	500VDC	
Maximum PV Array Power	2000 W	4000 W	5000 W
MPP Range @ Operating Voltage	120 ~ 380 VDC	120 ~ 450 VDC	
Maximum Solar Charge Current	60 A	100 A	
Maximum AC Charge Current	40 A	100 A	
Maximum Charge Current	60 A	100 A	
PHYSICAL			
Dimensions D x W x H (mm)	100 x 280 x 390	115 x 300 x 400	
Net Weight (kgs)	8.5	9	10
Communication Interface	USB/RS232		
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