

TOMMATECH PLUSX SERIES 11K OFF-GRID INVERTER



TT-PLUSX 11K



- › Dual inputs and dual outputs for smart energy management
- › Built-in 2.8" colored LCD with power lighting indicators
- › Built-in WiFi with APP for mobile monitoring and OTA firmware upgrade
- › Supports USB On-the-Go function
- › Built-in BMS communication port
- › External CT sensor to guarantee 100% self-consumption
- › Built-in meter calibration for optimized system operation
- › Support external BTS (Battery Temperature Sensor) detection
- › Support optional GFCI, Rapid shutdown, AFCI detections
- › Built-in anti-dust kit

MODEL	PlusX 11K
Rated Inverter Power	11000VA / 11000W
PARALLEL CAPABILITY	YES, 6 units
INPUT (Utility & Generator Power)	
Voltage	230 VAC
Selectable Voltage Range	170–280 VAC (For Computers) 90–280 VAC (For Home Appliances)
Frequency Range	50 Hz / 60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%
Surge Power	22000 VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	13000W (6500W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A x 2 (Max 40A)
Maximum Solar Charge Current	150A
Maximum AC Charge Current	150A
Maximum Charge Current	150A
PHYSICAL	
Dimension, D x W x H (mm)	145 x 438 x 553.6
Net Weight (kgs)	19.5
Communication Interface	USB / RS232 / RS485 / WiFi / Dry-contact / BTS Support optional GFCI, Rapid shutdown, AFCI detection
External Current Sensor Port	Yes, built-in current transformer sensor
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C