

# HYBRID OFF GRID INVERTER



**XTHF 10000 PRO -LITE**

## Efficiency

- Advanced MPPT technology with up to 99.9% efficiency
- Up to 22+22A PV input current

## Safety

- 360 degrees of security from hardware to software
- Multiple safety approvals

## All in one

- Up to 200A charging current
- Support Li-ion battery BMS communication

## Reliable

- Outputs high quality pure sine wave AC power
- Up to 6 units in parallel connection

## User-Friendly

- Industrial design with a modern aesthetic look
- Easy to install and simple to use

## Intelligent

- Exclusive Li-ion battery BMS dual activation
- Time-slot function to save cost with peak-valley

## XTRA POWER HF PRO-LITE SERIES HYBRID OFF GRID INVERTER

Model No.	XTHF10000PRO-LITE
<b>Battery Parameters</b>	
Battery Voltage	48Vdc
Voltage Range	40-60Vdc
Battery Type	Lithium / Lead Acid
Max.MPPT Charging Current	200A
Max. AC Charging Current	120A
Max Hybrid Charging Current	200A
<b>AC Output</b>	
Rated Power	10000VA / 10000W
Parallel Capacity	Yes, 6 Units Maximum
AC Voltage Regulation (Battery Mode)	230VAC + 5% @ 50/60Hz
Surge Power	15000VA, 5 Seconds
Efficiency (Peak)	93%
Waveform	Pure Sine Wave
Transfer Time	10Ms Typical, 20Ms Max.
<b>Solar Charger</b>	
Number Of MPPT / String Per MPPT	2/1
Maximum PV Array Power	5500W + 5500W
MPPT Range @ Operating Voltage	120VDC - 430VDC + 120VDC - 430VDC
Maximum PV Array Open Circuit Voltage	450VDC+450VDC
Max input current	22A + 22A
<b>AC Input</b>	
AC Input Voltage	230VAC
Selectable Voltage Range	170-280VAC (UPS Mode) ; 90-280VAC (Home Appliance)
Frequency Range	50/60Hz Auto Sensing
<b>Physical</b>	
Protection Degree	IP20
Dimension (W/H/D)	445/620/130
Net Weight	27KGS
<b>Operating Environment</b>	
Humidity	5% To 95% Relative Humidity (Non - Condensing)
Altitude	<2000M
Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C