

# T-7401 (HOME-BASED INVERTER)

## SINGLE PHASE - **1.2kVA to 2.4kVA**



### HIGH EFFICIENCY ECO VERSION TECHNOLOGY

#### FEATURES

- **Wide Input Voltage Range**  
Allows the UPS to work in harsh environments and reduces battery discharging time
- **Charge Control**  
Intelligent Charging System
- **Display**  
Multi LCD Display with LED indicators
- **Auto Recovery**  
Auto recovery when AC is restored

## MODIFIED SINE WAVE INVERTER LONG BACK-UP WITHOUT BATTERIES

# T-7401 SINGLE PHASE

T-7401 Series is specially designed for home appliances and other network applications to provide long back-up for small loads. This smart device can work as an all-in-one charger/inverter to provide the best power solution with high reliability.

- **Auto-Restart**  
Auto restart (when mains power is restored, after discharge of the batteries).
- **Advanced Communications**  
USB/RS232 & RJ-11/RJ45 serial port interface (Optional).
- **Tested and Verified**  
All devices are fully tested and verified for maximum performance.

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## SINGLE PHASE - **1.2 to 2.4 kVA**

### TECHNICAL SPECIFICATION

Model	IH11X2T60100S	IH12X4T60200S
Power	720W	1440W
Design Structure	Tower or Rackmounted	
Overall Efficiency	>95%	
Working Temperature	0°C to 40°C	
Storage Temperature	-25°C to 60°C (Without Batteries)	
Humidity	<95% Non-Condensing	
Safety Standard	CB7260.2/EN50091-2 Class A	
Protections	Overload, Short-Circuit, Over Temp., Over/ Low Voltage, BAT Voltage High/Low	
Display	LCD+LED Indicators; AC Mode Green Light; BAT Mode Yellow Light	
Nominal Voltage	220/230/240 Vac	
Input Voltage Range	162 - 290 Vac 90 - 290 Vac	
Frequency	50Hz	
Output Voltage	220Vac $\pm 1\%$ (BAT Mode) ; 220Vac $\pm 10\%$ ( AC Mode )	
Output Frequency	50 $\pm 1$ Hz	
Output Waveform	Modified Sine Wave (BAT Mode)	
Transfer Time	>12ms	
Efficiency (DC to AC)	>80%	
Battery VDC	12 Vdc	24 Vdc
Nominal Charge Voltage	13.7 Vdc	27.4Vdc
Charging Current	10-20A Selectable Low Voltage (BAT Mode) beeps once every 2 seconds; Overload Beeps twice every 1 second; Fault Continuous Beeping	
Size mm( WxDxH )	288x272x90	
Net Weight Kg	2.6	2.8