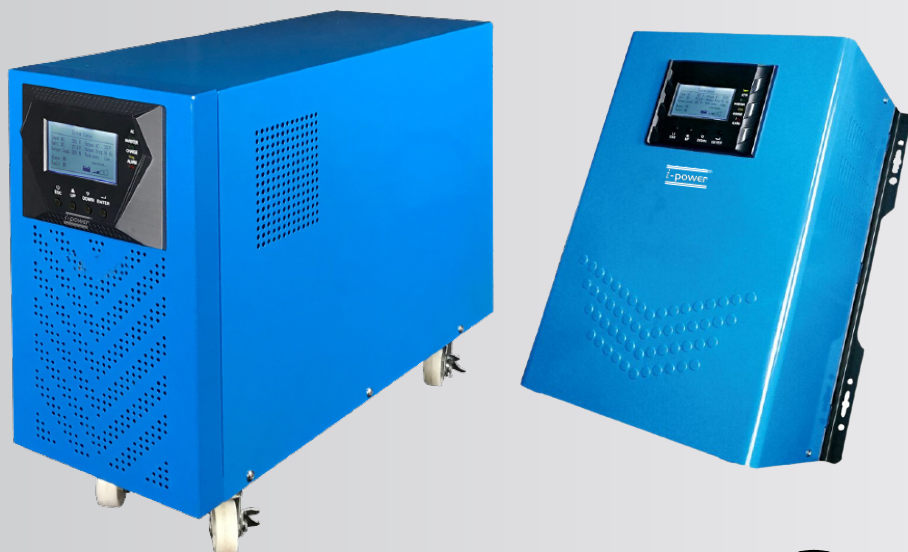


T-7101 (TRANSFORMER BASED)

SINGLE PHASE - **1 to 10 kVA**



FULL-DIGITISED CONTROL WITH COMPREHENSIVE MONITORING & PROTECTIONS

FEATURES

- **Wide Input Voltage Range**
Allows the UPS to work in harsh environments and reduces battery discharging time.
- **Ventilation**
Independent ventilation for cooling system
- **Save Energy**
ECO mode available to save energy
- **Cold Start**
Ability to switch on the UPS in the absence of mains power.

PURE SINE WAVE INVERTER WITHOUT BATTERIES

T-7101 SINGLE PHASE

The i-power T-7101 series is a fully digital controlled powerful inverter system. It is specially designed to provide long back-up time with pure sine wave output. It is also equipped with multilevel charging system. The T-7101 series can shorten the charging time to extend battery lifetime.

- **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.

T-7101 (TRANSFORMER BASED)

SINGLE PHASE - 1 to 10 kVA

Model (Tower)	IL1001T80100I	IL11X5T80200I	IL1002T80200I IL1002T80100I	IL1003T80200I	IL1005T80200I
Model (Wall Mountable)	IL1001W80100I	IL11X5W80200I	IL1002W80200I IL1002W80100I	IL1003W80200I	IL1005W80200I
Capacity	1KVA	1.5KVA	2KVA	3KVA	5KVA

TECHNICAL SPECIFICATION

Input Voltage	220VAC				
Input Voltage Range	220V: 154-264Vac±3V (Inverter Mode) ; 185-264VAC±3V (UPS Mode)				
Input Frequency	50/60Hz±5%				
Output Power	800W	1200W	1600W	2400W	4000W
Output Voltage (AC Mode)	Tracking and Following AC utility Input Power Range				
Output Frequency (AC Mode)	Tracking and Following AC utility Input Power Range				
Output Voltage (DC Mode)	220VAC±10% or (110VAC±10%)				
Output Frequency (DC Mode)	50HZ or 60HZ±1%				
Output Waveform	Pure Sine Wave				
Battery Type	LEAD, SLA, OP-LE				
Battery Voltage	12Vdc	24Vdc	24Vdc/12Vdc	24Vdc	24Vdc
Charging current (Max)	20A	25A	25A	30A	30A
Transfer Time	≤10ms				
Crest Ratio	3:1				
Protection	Overload/over-current/short circuit/over temperature				
Display	LCD display: AC Voltage, AC Frequency, Output Voltage, Output Frequency, Battery Voltage, Load Information etc				
Alarm	BAT Low, Overload, Fault				
Generator Compatibility	Available (Auto-Start Accessories)				
Working Temperature	-10°C - 40°C				
Storage Temperature	≤55db				
Humidity	<95%, without condensation				
Noise	≤55db				
Net Weight in Kg (Tower)	11.3	13	14.6	17.2	21.3
Dimensions in mm (LxWxH)	385x190x682				552x190x382
Net Weight in Kg (Wall Mount)	12	15	16	21	25
Dimensions in mm (LxWxH)	434x335x201				

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T-7101 (TRANSFORMER BASED)

SINGLE PHASE - 1 to 10 kVA

Model (Tower)	IL1006T80400I IL1006T80200I	IL1007T80400I	IL1008T80400I IL1008T80200I	IL1010T80400I
Model (Wall Mountable)	IL1006W80400I IL1006W80200I	IL1007W80400I	IL1008W80400I IL1008W80200I	IL1010W80400I
Capacity	6KVA	7KVA	8KVA	10KVA

TECHNICAL SPECIFICATION

Input Voltage	220VAC			
Input Voltage Range	220V: 154-264Vac±3V (Inverter Mode) ; 185-264VAC±3V (UPS Mode)			
Input Frequency	50/60Hz±5%			
Output Power	4800W	5600W	6400W	8000W
Output Voltage (AC Mode)	Tracking and Following AC utility Input Power Range			
Output Frequency (AC Mode)	Tracking and Following AC utility Input Power Range			
Output Voltage (DC Mode)	220VAC±10% or (110VAC±10%)			
Output Frequency (DC Mode)	50HZ or 60HZ±1%			
Output Waveform	Pure Sine Wave			
Battery Type	LEAD, SLA, OP-LE			
Battery Voltage	48Vdc/24Vdc	48Vdc	48Vdc/24Vdc	24Vdc
Charging current (Max)	30A	30A	50A	50A
Transfer Time	≤10ms			
Crest Ratio	3:1			
Protection	Overload/over-current/short circuit/over temperature			
Display	LCD display: AC Voltage, AC Frequency, Output Voltage, Output Frequency, Battery Voltage, Load Information etc			
Alarm	BAT Low, Overload, Fault			
Generator Compatibility	Available (Auto-Start Accessories)			
Working Temperature	-10°C - 40°C			
Storage Temperature	≤55db			
Humidity	<95%, without condensation			
Noise	≤55db			
Net Weight in Kg (Tower)	22	28	32.5	36.1
Dimensions in mm (LxWxH)	552x190x382			
Net Weight in Kg (Wall Mount)	29	36	40	43
Dimensions in mm (LxWxH)	434x335x201			

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