

# Thlinkpower

## SOLAR INVERTER

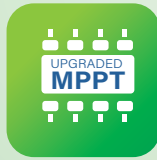
EXPERIENCE UNMATCHED POWER STABILITY



High Efficiency



WIFI / GPRS



MPPT



Waterproof



RGB Lights



Email:sales12@thlinkpower.com

Whatsapp/Phone:+86 133 3667 2351

# TP-GTI Serise

Single phase On-grid solar inverter



## Features

- ◆ Big LCD display;
- ◆ Compact and easy to install;
- ◆ Power export limit ;
- ◆ WIFI/GPRS/Lan communication optional;
- ◆ Comply with international quality standards tested by TUV,BV,Dekra etc ;

| Model                                   | TP-S1000TL                                     | TP-S1500TL  | TP-S2200TL  | TP-S3000TL  | TP-S3600TL  | TP-S4400TL  |
|-----------------------------------------|------------------------------------------------|-------------|-------------|-------------|-------------|-------------|
| DC Side/ Input Parameters               |                                                |             |             |             |             |             |
| Max. DC Power (W)                       | 1500W                                          | 2250W       | 3300W       | 4500W       | 5400W       | 6600W       |
| Max. DC voltage (V)                     | 450                                            | 450         | 500         | 500         | 500         | 500         |
| Min system start/Shut down voltage(Vdc) | 65/70                                          | 75/100      | 75/100      | 75/100      | 75/100      | 75/100      |
| MPPT voltage range(Vdc)                 | 70~450                                         | 100~450     | 100~450     | 100~450     | 100~450     | 100~450     |
| Max input current/per string            | 13A                                            | 13A         | 13A         | 13A         | 13A         | 13A         |
| Number of MPP trackers                  | 1                                              | 1           | 1           | 1           | 1           | 2           |
| AC Side/ Output Parameters              |                                                |             |             |             |             |             |
| Nominal output power (W)                | 1000                                           | 1500        | 2200        | 3000        | 3600        | 4000        |
| Maximum output power (W)                | 1100                                           | 1600        | 2420        | 3300        | 3960        | 4400        |
| Nominal output voltage/range (V)        | 208,220,230,240/180~270                        |             |             |             |             |             |
| AC grid frequency/range (Hz)            | 50Hz,60Hz(auto-selection) /44Hz-55Hz;54Hz-65Hz |             |             |             |             |             |
| Maximum output current (A)              | 6                                              | 8           | 12          | 16          | 16          | 21          |
| AC connection (with PE)                 | single phase                                   |             |             |             |             |             |
| Max. Conversion Efficiency              | 97.30%                                         | 97.30%      | 97.40%      | 97.50%      | 97.80%      | 97.80%      |
| Dimension, D x W x H (mm)               | 370/277/115                                    | 370/277/115 | 370/277/115 | 370/277/115 | 370/277/115 | 434/340/115 |
| Weight(kg)                              | 7                                              | 7           | 7           | 7           | 7           | 8           |

| Model                                   | TP-S5000TL                                       | TP-S6000TL  | TP-S6000TL(Pro)         | TP-S8000TL  | TP-S10000TL |
|-----------------------------------------|--------------------------------------------------|-------------|-------------------------|-------------|-------------|
| DC Side/ Input Parameters               |                                                  |             |                         |             |             |
| Max. DC Power (W)                       | 7500W                                            | 7500W       | 9000W                   | 12000W      | 15000W      |
| Max. DC voltage (W)                     | 500                                              | 500         | 500                     | 500         | 500         |
| Min system start/Shut down voltage(Vdc) | 75/100                                           | 75/100      | 75/100                  | 75/100      | 75/100      |
| MPPT voltage range(Vdc)                 | 100~450                                          | 100~450     | 100~500                 | 100~500     | 100~500     |
| Max input current/per string            | 13A/13A                                          | 13A/13A     | 28A/18A                 | 28A/18A     | 28A/18A     |
| Number of MPP trackers                  | 2                                                | 2           | 2                       | 2           | 2           |
| AC Side/ Output Parameters              |                                                  |             |                         |             |             |
| Nominal output power (W)                | 5000                                             | 6000        | 6000                    | 8000        | 10000       |
| Maximum output power (W)                | 5500                                             | 6600        | 6600                    | 8800        | 10500       |
| Nominal output voltage/range (V)        | 208,220,230,240/180~270                          |             | 208,220,230,240/140~310 |             |             |
| AC grid frequency/range (Hz)            | 50Hz,60Hz(auto-selection) / 44Hz-55Hz; 54Hz-65Hz |             |                         |             |             |
| Maximum output current (A)              | 23                                               | 21          | 28                      | 38.5        | 45.6        |
| AC connection (with PE)                 | Single phase                                     |             |                         |             |             |
| Max. Conversion Efficiency              | 97.50%                                           | 97.60%      | 98.10%                  | 98.10%      | 98.10%      |
| Dimension, D x W x H (mm)               | 434/340/115                                      | 434/340/115 | 468/374/127             | 468/374/127 | 468/374/127 |
| Weight(kg)                              | 8                                                | 8           | 11                      | 11          | 11          |

**Thlinkpower** New Energy Technology Co., Ltd

Our products serving more than 300,000 households worldwide.

Mobile: +86 13336672351

Email: karron@thlinkpower.com

WhatsApp: +86 13336672351

Wechat: +86 13336672351



# Three phase on-grid solar inverter TP-TL Serise

Thlinkpower

RGB  
LIGHTS

120A  
MAX PV  
CHARGING

PURE  
SINE WAVE

WORKS  
WITH AND WITHOUT  
BATTERY

UPGRADED  
MPPT

Li-Ion

BUILT IN  
ANTI DUST  
KIT

APP

WIFI&GPRS

LCD  
Display

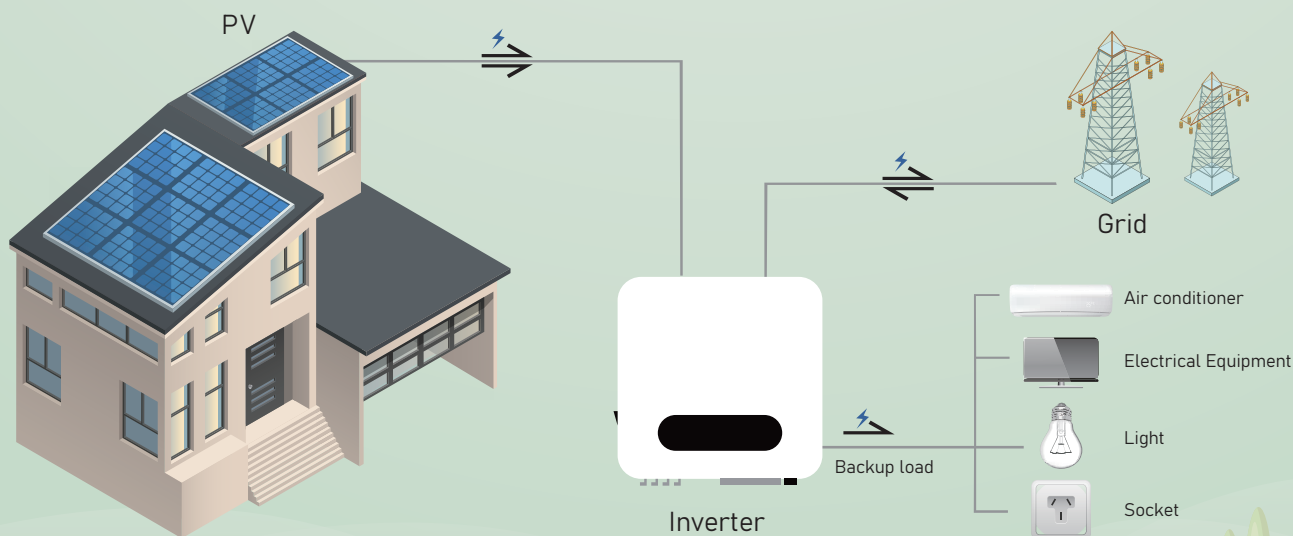


## Features

- ◆ Big LCD display;
- ◆ IP65 ingress protection;
- ◆ Power export limit ;
- ◆ WIFI/GPRS/Lan communication optional;
- ◆ Comply with international quality standards tested by TUV,BV,Dekra etc ;

| Model                        | TP-4KTL     | TP-5KTL     | TP-6KTL     | TP-8KTL                  | TP-10KTL    | TP-12KTL    | TP-15KTL    |
|------------------------------|-------------|-------------|-------------|--------------------------|-------------|-------------|-------------|
| Input(DC)                    |             |             |             |                          |             |             |             |
| Max. DC Power (W)            | 5500W       | 6500W       | 7500W       | 9500W                    | 11500W      | 18000W      | 22500W      |
| Max. DC voltage (V)          |             |             |             | 1000Vd.c.                |             |             |             |
| Min working voltage (Vdc)    |             |             |             | 160Vd.c.                 |             |             |             |
| MPPT voltage range(Vdc)      |             |             |             | 160-850Vd.c.             |             |             |             |
| Max input current/per string |             |             |             | 18A/18A                  |             |             |             |
| Number of MPP trackers       |             |             |             | 25A/25A                  |             |             |             |
| Output (AC)                  |             |             |             |                          |             |             |             |
| AC nominal power             | 4000W       | 5000W       | 6000W       | 8000W                    | 10000W      | 12000W      | 15000W      |
| Max AC apparent power        | 5000VA      | 6000VA      | 7000VA      | 8800VA                   | 11000VA     | 13200VA     | 16500VA     |
| Max output current           | 8A          | 10A         | 12A         | 15A                      | 17A         | 20A         | 23A         |
| Nominal AC output            |             |             |             | 50/60Hz 400Vac           |             |             |             |
| AC output range              |             |             |             | 45/55 Hz;280~490Vac(Adj) |             |             |             |
| Max. Conversion Efficiency   | 98.00%      | 98.20%      | 98.20%      | 98.4%                    | 98.4%       | 98.4%       | 98.4%       |
| Dimension, D x W x H (mm)    | 480/476/157 | 480/476/157 | 480/476/157 | 480/476/157              | 480/476/157 | 480/476/157 | 480/476/157 |
| Weight(kg)                   | 16          | 16          | 16          | 16                       | 16          | 16          | 16          |

## On Grid Work Principle AC power output



**Thlinkpower** New Energy Technology Co., Ltd

Our products serving more than 300,000 households worldwide.

Mobile: +86 13336672351

Email: karron@thlinkpower.com

WhatsApp: +86 13336672351

Wechat: +86 13336672351



# TP-ESS Serise

Three phase hybrid solar inverter

RGB  
LIGHTS

120A  
MAX PV  
CHARGING

PURE  
SINE WAVE

WORKS  
WITH ALL  
SOLAR PANELS

UPGRADED  
MPPT

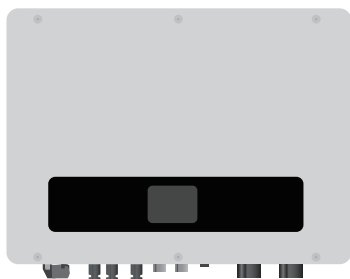
LI-ION

BUILT IN  
ANTI DUST  
KIT

APP

WIFI/GPRS

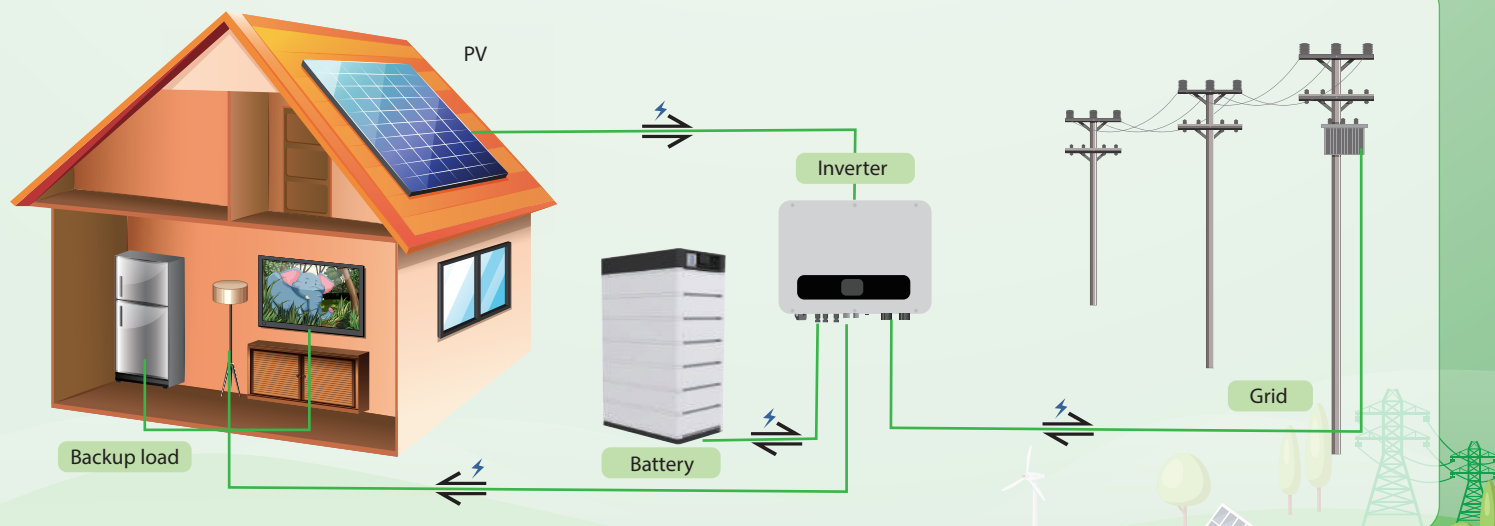
LCD  
Display



## Features

- ◆ Big LCD display;
- ◆ Three phase unbalanced output;
- ◆ Power export limit ;
- ◆ WIFI/GPRS/Lan communication optional;
- ◆ Anti-back ow control accuracy<20w;
- ◆ Working in 45 degrees high temperature without power degradation;

| Model                              | TP-EPH4KTL    | TP-EPH5KTL    | TP-EPH6KTL              | TP-EPH8KTL    | TP-EPH10KTL   | TP-EPH12KTL   |
|------------------------------------|---------------|---------------|-------------------------|---------------|---------------|---------------|
| Input(DC)                          |               |               |                         |               |               |               |
| Max. DC Power (W)                  | 6000W         | 7500W         | 9000W                   | 12000W        | 15000W        | 15000W        |
| Max. DC voltage (V)                |               |               | 1000Vdc                 |               |               |               |
| MPPT voltage range(Vdc)            |               |               | 200-850Vdc              |               |               |               |
| Max input current/per string       |               |               | 13A/13A                 |               |               |               |
| Number of MPP trackers             |               |               | 2                       |               |               |               |
| Battery Input                      |               |               |                         |               |               |               |
| Battery Type                       |               |               | Li-Ion                  |               |               |               |
| Battery voltage range              |               |               | 130-700V                |               |               |               |
| Maximum charge/discharge current   |               |               | 25/25A                  |               |               |               |
| Charge strategy for Li-ion Battery |               |               | Self-adaptation to BMS  |               |               |               |
| Output (AC)                        |               |               |                         |               |               |               |
| AC nominal power                   | 4000W         | 5000W         | 6000W                   | 8000W         | 10000W        | 12000W        |
| Max AC apparent power              | 5000VA        | 5500VA        | 7000VA                  | 8800VA        | 11000VA       | 13200VA       |
| Max output current                 | 8A            | 10A           | 12A                     | 15A           | 17A           | 20A           |
| Nominal AC output                  |               |               | 50/60Hz; 400/350        |               |               |               |
| AC output range                    |               |               | 45/55Hz:280~490Vac(Adj) |               |               |               |
| Max. Conversion Efficiency         | 98.00%        | 98.00%        | 98.20%                  | 98.2%         | 98.2%         | 98.2%         |
| Dimension, D x W x H (mm)          | 516*427*183.5 | 516*427*183.5 | 516*427*183.5           | 516*427*183.5 | 516*427*183.5 | 516*427*183.5 |
| Weight(kg)                         | 26            | 26            | 26                      | 26            | 26            | 26            |



Thlinkpower New Energy Technology Co., Ltd

Our products serving more than 300,000 households worldwide.

Mobile: +86 13336672351

Email: karron@thlinkpower.com

WhatsApp: +86 13336672351

Wechat: +86 13336672351



# ON&OFF GRID HYBRID SOLAR INVERTER TP-HFP Serise

Thlinkpower



Pure sine wave



WIFI



Two-way energy storage design



Configurable working mode



Support working without battery



RS485

## Features

- ◆ Adopting high-frequency design, high power density, small size, and high overall efficiency;
- ◆ Bidirectional energy storage design, which can achieve bidirectional flow control of electrical energy, and both photovoltaic and mains electricity can be charged to the battery;
- ◆ Ultra wide MPPT range, with a minimum of 40Vdc(24V models)/ 80Vdc (48V models);
- ◆ Capable of setting working modes (grid connected mode, off grid mode hybrid mode);
- ◆ Equipped with grid connected current setting function;
- ◆ Equipped with output priority setting function;
- ◆ Equipped with charging priority setting function;
- ◆ Equipped with lithium battery BMS communication function;
- ◆ Support battery-less operation mode.



| Model                                                   | TP-HFP-33224   | TP-HFP-43224 | TP-HFP-63248 | TP-HFP-83248 | TP-HFP-103248 | TP-HFP-123248 |
|---------------------------------------------------------|----------------|--------------|--------------|--------------|---------------|---------------|
| Rated Power                                             | 50000W         |              | 70000W       | 45000W*2     | 60000W*2      | 60000W*2      |
| MPPT Tracking Voltage Range                             | 40Vdc-Vdc      |              | 80Vdc~450Vdc |              |               |               |
| Rated Voltage                                           |                |              | 360Vdc       |              |               |               |
| Max PV Input Voltage voc<br>(at the lowest temperature) |                |              | 500Vdc       |              |               |               |
| Max PV Input Current                                    | 18A            |              | 27A          | 18A*2        | 22A*2         | 27A*2         |
| MPPT Tracking Channels(input routed)                    | 1 Routed       |              |              | 2 Routed     |               |               |
| Rated Output Power                                      | 3300W          | 4300W        | 6300W        | 8300W        | 10.3W         | 12.3W         |
| Rated Output Voltage                                    | 220v/230v/240v |              |              |              |               |               |
| MPPT Tracking Efficiency                                | 99.9%          |              |              |              |               |               |
| Dimension, D x W x H (mm)                               | 325*275*102    | 365*297*102  | 390*320*112  | 515*365*117  | 535*462*117   | 630*540*130   |
| N.W./G.W.(kg)                                           | 6/6.5          | 7/7.5        | 8.5/9.5      | 13/15        | 15.5/17.5     | 23.5/25.5     |

### Product Display



Household



Industrial and commercial energy storage



Airport-high-speed rail station



Thermal power station/nuclear power station



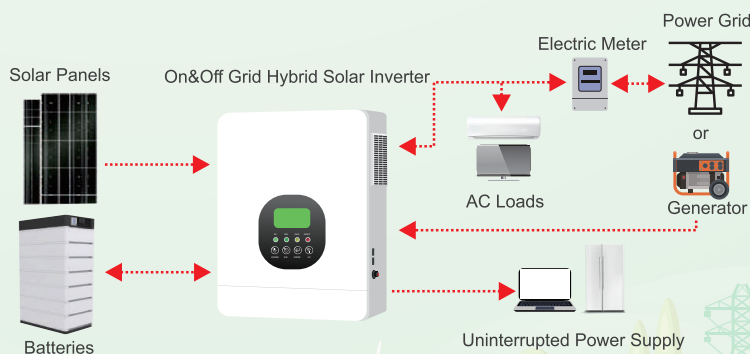
Agricultural Irrigation



Farm use



### System Application Diagram



**Thlinkpower** New Energy Technology Co., Ltd

Our products serving more than 300,000 households worldwide.

Mobile: +86 13336672351

Email: karron@thlinkpower.com

WhatsApp: +86 13336672351

Wechat: +86 13336672351



# TP-REVO Serise

Hybrid on&off grid energy storage solar inverter

RGB  
LIGHTS

120A  
MAX PV  
CHARGING

PURE  
SINE WAVE

WORKS  
WITH  
LITHIUM  
BATTERY

UNIVERSAL  
MPPT

LI-ION

BUILT IN  
ANTI DUST  
KIT

APP

WiFi&GPRS

LCD  
Display



## Features

- ◆ Big LCD display;
- ◆ Compact and easy to install;
- ◆ Power export limit ;
- ◆ WIFI/GPRS/Lan communication optional;
- ◆ Comply with international quality standards tested by TUV,BV,Dekra etc ;

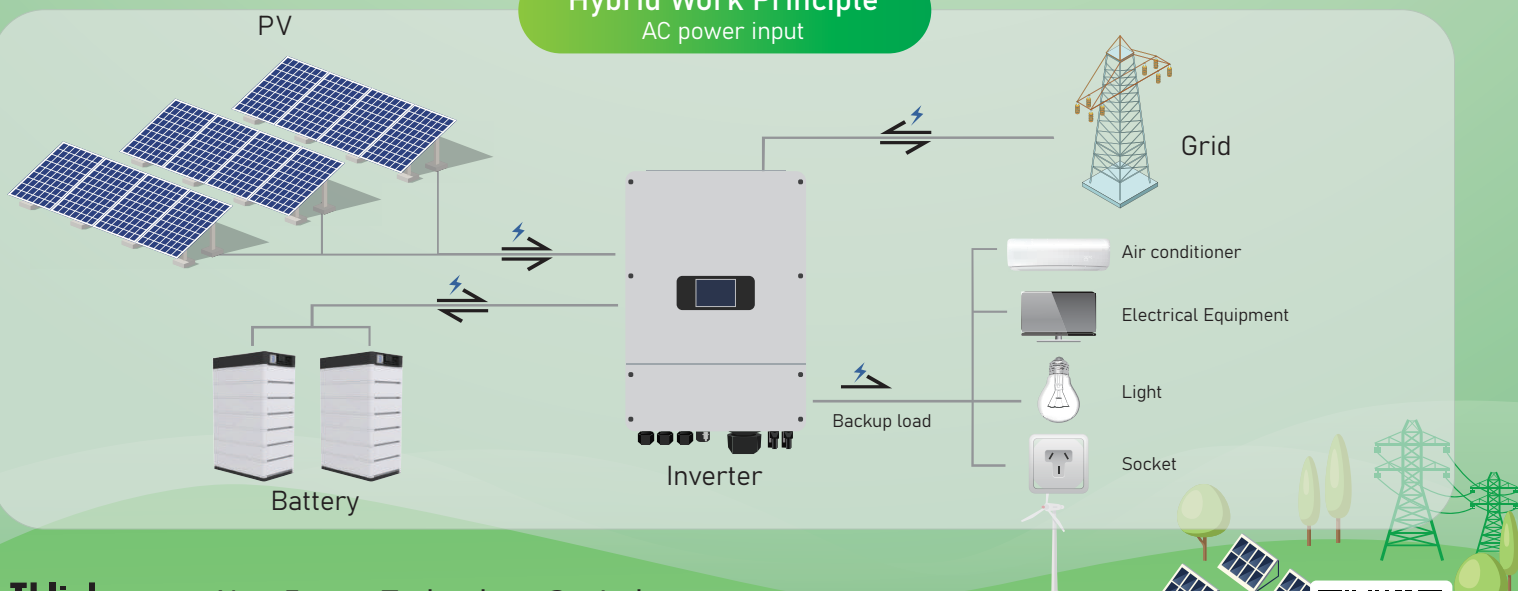


- |                       |                      |
|-----------------------|----------------------|
| ① WiFi port           | ⑩ Parallel port      |
| ② Battery port        | ⑪ Parallel port      |
| ③ Switch              | ⑫ Load output        |
| ④ PV port1            | ⑬ AC input           |
| ⑤ PV port2            | ⑭ communication port |
| ⑥ PV switch(optional) | ⑮ communication port |
| ⑦ Ground              | ⑯ communication port |
| ⑧ Breather valve      |                      |
| ⑨ Fan                 |                      |

| Model                                | TP-REVO HES 6kw    | TP-REVO HES 8kw    |
|--------------------------------------|--------------------|--------------------|
| DC Side/Input Parameters             |                    |                    |
| Max. DC Power (W)                    | 7500W              | 10000W             |
| Max. DC voltage (V)                  | 550                | 550                |
| MPPT voltage range(V)                | 90~450             | 90~450             |
| MPPT number/Max.input strings number | 1/2                | 2/2                |
| Max.short circuit current(A)         | 30                 | 18+18              |
| Battery                              |                    |                    |
| Battery voltage range (V)            | 40~58              | 40~58              |
| Max.charging voltage (V)             | 58                 | 58                 |
| Max.charge/discharge current (A)     | 100/140            | 120/190            |
| Battery type                         | lithium /Lead-acid | lithium /Lead-acid |
| AC output                            |                    |                    |
| Grid voltage/range (V)               | 230/176-270        | 230/176-270        |
| Frequency (Hz)                       | 50/60              | 50/60              |
| AC output topology                   | L+N+PE             | L+N+PE             |
| Efficiency (Peak)                    | 94%                | 94%                |
| Dimension, D x W x H (mm)            | 360*195*660        | 360*195*660        |
| Weight(kg)                           | 22.5/32            | 22.5/32            |

## Hybrid Work Principle

AC power input



**Thlinkpower** New Energy Technology Co., Ltd

Our products serving more than 300,000 households worldwide.

Mobile: +86 13336672351

Email: karron@thlinkpower.com

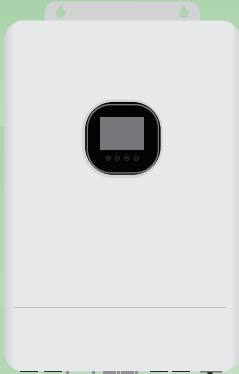
WhatsApp: +86 13336672351

Wechat: +86 13336672351



# Split phase hybrid/off-grid solar inverter TP-SPI Serise

Thlinkpower

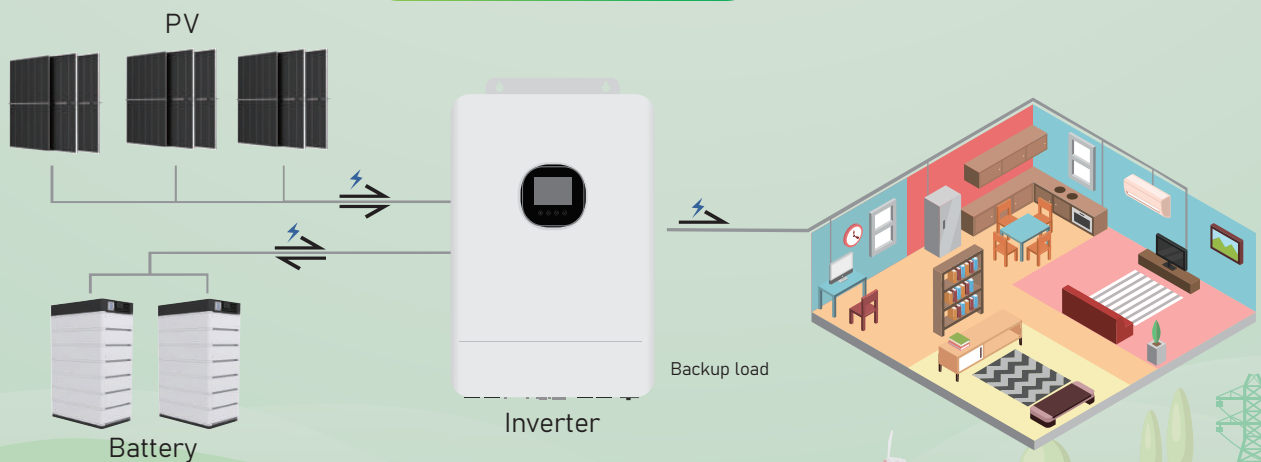


## Features

- ◆ Advanced MPPT technology with up to 99.9% efficiency;
- ◆ Outputs high quality pure sine wave AC power
- ◆ Up to 22+22A PV input current
- ◆ Up to 6 units in parallel connection;
- ◆ Comprehensive security from hardware to software;
- ◆ Industrial design with a modern aesthetic look
- ◆ Multiple safety approvals
- ◆ Easy to install and simple to use;
- ◆ Up to 200A charging current
- ◆ Exclusive Li-ion battery BMS dual activation
- ◆ Support Li-ion battery BMS communication ;
- ◆ Time-slot function to save cost with peak-valley

| Model                      | TP-SPI-10K-UP                     | TP-SPI-8K-UP                      | Can Be Set |
|----------------------------|-----------------------------------|-----------------------------------|------------|
| <b>Inverter Output</b>     |                                   |                                   |            |
| Rated Output Power         | 10,000w                           | 8,000w                            |            |
| Max. Peak Power            | 20,000w                           | 16,000w                           |            |
| Rated Output Voltage       |                                   |                                   | ✓          |
| Rated AC Frequency         | 50/60Hz                           | 50/60Hz                           | ✓          |
| Output Mode                | Off-grid (default) / Hybrid       | Off-grid (default) / Hybrid       | ✓          |
| <b>Battery</b>             |                                   |                                   |            |
| Battery Type               | Li-ion / Lead-acid / User-defined | Li-ion / Lead-acid / User-defined | ✓          |
| Rated Battery Voltage      | 48Vdc                             | 48Vdc                             |            |
| Battery Voltage Range      | 40 ~ 60Vdc                        | 40 ~ 60Vdc                        | ✓          |
| Max. MPPT Charging Current | 200A                              | 180A                              | ✓          |
| <b>PV Input</b>            |                                   |                                   |            |
| Num. of MPPT Trackers      | 2                                 | 2                                 |            |
| Max. PV Array Power        | 5,500W+5,500W                     | 5,500W+5,500W                     |            |
| Max. Input Current         | 22A+22A                           | 22A+22A                           |            |
| Max. Open Circuit Voltage  | 500Vdc+500Vdc                     | 500Vdc+500Vdc                     |            |
| MPPT voltage range(Vdc)    | 125 ~ 425Vdc                      | 125 ~ 425Vdc                      |            |
| MPPT Tracking Efficiency   | 99.9%                             | 99.9%                             |            |
| Dimension, D x W x H (mm)  | 620*445*130mm                     | 620*445*130mm                     |            |
| Weight(kg)                 | 27                                | 27                                |            |

## Off Grid Work Principle No AC power input



**Thlinkpower** New Energy Technology Co., Ltd

Our products serving more than 300,000 households worldwide.

Mobile: +86 13336672351

Email: karron@thlinkpower.com

WhatsApp: +86 13336672351

Wechat: +86 13336672351

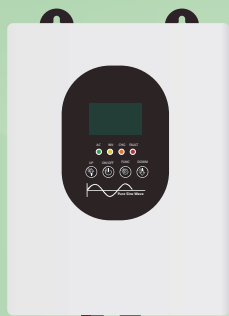


# TP-LF Serise

Low erequency inverter / Hybrid inverter / 1-phase

The working frequency of a power frequency transformer generally refers to a power frequency of 50Hz or 60Hz, with slow signal changes and smooth waveforms.

The advantages are relatively simple structure, stable and reliable operation, strong overload capacity and impact resistance



## TP-LF-1 Serise

Low erequency inverter / Hybrid inverter / Phase :1-phase



Pure sine wave



MPPT



WiFi



Unattended  
Function

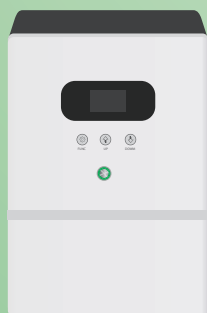


Configurable  
Battery



RS485

| Model                     | TP-10212/24           |
|---------------------------|-----------------------|
| Rated Power               | 1000W                 |
| Phase Type                | Single phase L-N      |
| Standard Battery Voltage  | 12/24VDC              |
| Rated Input Voltage       | 220VAVC/230VAC/240VAC |
| Rated Current             | 30A                   |
| PV Array Max Power        | 12V(240W)/24V(840W)   |
| Conversion Efficiency     | >85%                  |
| Dimension, D x W x H (mm) | 333*253*126           |
| N.W./G.W.(kg)             | 9/10                  |



## TP-LF Serise

Low erequency inverter / Hybrid inverter / Phase :1-phase



Pure sine wave



MPPT



WiFi



Dual output  
voltage



Configurable  
Battery



RS232/RS485

| Model                              | TP-15212/24/48                                                 | TP-20212/24/48 | TP-30224/48 | TP-40224/48                     | TP-50248 | TP-60248 | TP-80248    | TP-10348 | TP-12348 |
|------------------------------------|----------------------------------------------------------------|----------------|-------------|---------------------------------|----------|----------|-------------|----------|----------|
| Rated Power                        | 1500W                                                          | 2000W          | 3000W       | 4000W                           | 5000W    | 6000W    | 8000W       | 10000W   | 12000W   |
| Phase Type                         | Single phase L-N;Split phase can be customized L1-L2,L1-N,L2-N |                |             |                                 |          |          |             |          |          |
| Standard Battery Voltage           | 12/24/48VDC                                                    |                | 24/48VDC    |                                 | 48VDC    |          |             |          |          |
| Rated Input Voltage                | 110VAC1120VAC1220VAC 1230VAC1240VAC                            |                |             |                                 |          |          |             |          |          |
| Rated Current                      | 30-60A                                                         |                |             | 60-100A                         |          |          | 100A        |          |          |
| PV Array Max Power                 | 12V(420W)/24V(840W)/48V(1680W)                                 |                |             | 12V(840W)/24V(1680W)/48V(3360W) |          |          | 5600W       |          |          |
| Output Wave /Conversion Efficiency | Pure Sine Wave/>85%                                            |                |             |                                 |          |          |             |          |          |
| Dimension, D x W x H (mm)          | 470*300*148                                                    |                |             | 530*335*158                     |          |          | 684*430*250 |          |          |
| N.W./G.W.(kg)                      | 13.5/15                                                        | 18/19.5        | 20/21.5     | 22/24                           | 24/26    | 26/28    | 45/52       | 55/62    | 58/65    |

**Thlinkpower** New Energy Technology Co., Ltd

Our products serving more than 300,000 households worldwide.

Mobile: +86 13336672351

Email: karron@thlinkpower.com

WhatsApp: +86 13336672351

Wechat: +86 13336672351



# Single Phase On&off Grid Hybrid Solar Inverter 5-12kw

## TP-HF Serise

Thlinkpower

RGB  
LIGHTS

120A  
MAX PV  
CHARGING

PURE  
SINE WAVE

WORKS  
WITH AGC/MPPT  
BATTERY

MPPT

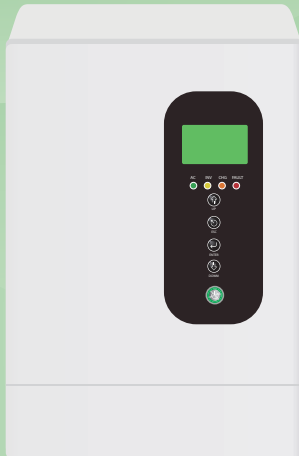
LI-ION

BUILT IN  
ANTI DUST  
KIT

APP

WIFI & GPRS

LCD  
Display



### Features:

- ◆ Adopting high-frequency design, high power density, small size, and high overall efficiency;
- ◆ Bidirectional energy storage design, which can achieve bidirectional flow control of electrical energy, and both photovoltaic and mains electricity can be charged to the battery;
- ◆ Ultra wide MPPT range, as low as 80Vdc;
- ◆ The working mode can be set(on-grid mode,off-grid mode,hybrid mode);
- ◆ Equipped with output priority setting function;
- ◆ Equipped with charging priority setting function;
- ◆ Equipped with lithium battery BMS communication function;
- ◆ Support the use of smart meters to prevent backflow when running on the grid;
- ◆ Support battery-less operation mode.

| Model                                               | TP-HF-50248               | TP-HF-60248     | TP-HF-80248       | TP-HF-10348       | TP-HF-12348     |
|-----------------------------------------------------|---------------------------|-----------------|-------------------|-------------------|-----------------|
| PV Input                                            |                           |                 |                   |                   |                 |
| Max PV input power                                  | 6000W                     | 6000W           | 4500W*2           | 6000W*2           | 6000W*2         |
| MPPT Tracking Voltage Range                         | 80Vdc-450Vdc              |                 |                   |                   |                 |
| Rated Voltage                                       | 360Vdc                    |                 |                   |                   |                 |
| Max PV Input Voltage voc(at the lowest temperature) | 500Vdc                    |                 |                   |                   |                 |
| Max PV Input Current                                | 27A                       | 27A             | 18A*2             | 27A*2             | 27A*2           |
| MPPT Tracking Number                                | 1                         | 1               | 2                 | 2                 | 2               |
| Battery&Charging                                    |                           |                 |                   |                   |                 |
| Battery Type                                        | 5000                      | 5000            | 8000              | 10KW              | 12KW            |
| Rated Battery Voltage                               | 48VDC                     |                 |                   |                   |                 |
| Battery voltage Range                               | 42-60Vdc(default value)   |                 |                   |                   |                 |
| Max PV Charging Current                             | 120A                      |                 |                   |                   |                 |
| Max AC Charging Current                             | 80A                       |                 |                   |                   |                 |
| Max Charging Current                                | 120A                      |                 |                   |                   |                 |
| On-Grid Operation(On-Grid Output(AC))               |                           |                 |                   |                   |                 |
| Rated Output Power                                  | 5000W                     | 6000W           | 8000W             | 10KW              | 12KW            |
| Rated Output Voltage                                | 220VAC/230VAC/240VAC      |                 |                   |                   |                 |
| Output Voltage Range                                | 187VAC~264VAC             |                 |                   |                   |                 |
| Rated Output Frequency                              | 50Hz/60Hz                 |                 |                   |                   |                 |
| Off-Grid Operation(AC Input)                        |                           |                 |                   |                   |                 |
| Rated Input voltage                                 | 220V /230V/240V           |                 |                   |                   |                 |
| Mains input voltage range                           | 165VAC-280VAC/            |                 |                   |                   |                 |
| Rated Input Frequency                               | 120VAC~280VAC(Can be set) |                 |                   |                   |                 |
| Off-Grid Operation(AC Output)                       |                           |                 |                   |                   |                 |
| Rated Output Power                                  | 5000W                     | 6000W           | 8000W             | 10KW              | 12KW            |
| Rated Output Voltage                                | 220V /230V/240V           |                 |                   |                   |                 |
| Rated Input Frequency                               | 50Hz/60Hz                 |                 |                   |                   |                 |
| Hybrid Operation (Complementary Mode(AC Input))     |                           |                 |                   |                   |                 |
| Rated Input voltage                                 | 220V /230V/240V           |                 |                   |                   |                 |
| Mains input voltage range                           | 187VAC~264VAC             |                 |                   |                   |                 |
| Rated Input Frequency                               | 50Hz/60Hz                 |                 |                   |                   |                 |
| Hybrid Operation (Complementary Mode(AC Output))    |                           |                 |                   |                   |                 |
| Rated Output Power                                  | 5000W                     | 6000W           | 8000W             | 10KW              | 12KW            |
| Rated Voltage Rated                                 | 220VAC/230VAC/240VAC      |                 |                   |                   |                 |
| Output Current                                      | 22.7A/21.7A/20.8A         | 27.3A/26.1A/25A | 36.4A/34.8A/33.3A | 45.5A/43.5A/41.7A | 54.5A/52.2A/50A |
| MPPT Tracking Efficiency                            | ≥99.9                     |                 |                   |                   |                 |
| Dimension, D x W x H (mm)                           | 430*325*112.5mm           | 430*325*112.5mm | 515*365*117mm     | 630*540*130mm     | 630*540*130mm   |
| Weight(kg)                                          | 10.5/12                   | 10.5/12         | 13/15             | 23/25             | 23.5/25.5       |

**Thlinkpower** New Energy Technology Co., Ltd

Our products serving more than 300,000 households worldwide.

Mobile: +86 13336672351

Email: karron@thlinkpower.com

WhatsApp: +86 13336672351

Wechat: +86 13336672351

