

MORE SAFETY MORE POWER

EASY SOLAR KIT Transformer

TSOL-ESK400-T / TSOL-ESK800-T



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Applicable for

| | | | | | | |
|------------------------------------------|---------------------------------------------------------------------------|-----------------|----------------------|------------------------------------|-----------------------|-----------|
| Balcony | Wall Mount | Flat Ground | Fence Hanging | Wind-resistant Snow-prevention | Highly Waterproof | Solid |
| Built-in WiFi, APP Remote Monitoring | Output Power 400W/800W Can be Adjusted According to Local Regulations | | DIY Installation | Adjustable | Plug & Play | |

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Technical Data

| Model | TSOL-ESK400-T | TSOL-ESK800-T |
|----------------------------------------------|--------------------------------------------|--------------------------------------------------|
| PV Module Parameter * | | |
| Recomended Module Power(Wp) | 300 ~ 700+ (compatible to all size module) | 2 * (300 ~ 700+) (compatible to all size module) |
| Length of Solar Module (mm) | >900 | |
| Width of Solar Module (mm) | >500 ; < 1150 | |
| Thickness of Solar Module (mm) | 30 | |
| AC Output Parameter | | |
| Max. System Continous Output Power (W)** | 400 | 800 |
| Max. Output Current (A) | 2 | 4 |
| Nominal Output Voltage (V)*** | 220/230/240 | |
| Nominal Frequency (Hz)*** | 50/60 | |
| Power Factor | >0.99 | |
| Output Current Harmonic Distortion | <3% | |
| Length of AC End Cable*** | 5m (10m, 15m optional) | |
| Certification | | |
| Solar Module | CE,TUV,UL,CQC,IEC 61215,IEC 61730 | |
| Microinverter | CE-LVD,CE-EMC,CE-RED,VDE 4105,EN 50549-1 | |
| Bracket | EN 10204:2017, EN 1090-1:2009+A1: 2011 | |
| Environmental Parameter | | |
| Environmental Protection Rating | IP67 | |
| Operating Ambient Temperature Range | -25 °C to 65 °C | |
| Relative Humidity | 0-100% | |
| Max. Operating Altitude Without Derating [m] | 2000 | |
| Mechanical Parameter | | |
| Weight [kg] | 12 | 24 |
| Package Dimensions (W×H×D mm) | 885×360×108 | 885×360×150 |
| Color | Black | |
| Warranty | 12 years | |

* The colour , brand and power of the solar module can be customized if the PV module is compatible to ESK system.

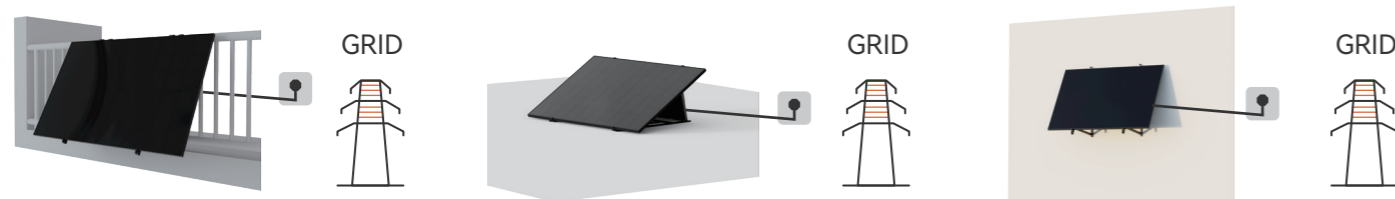
** The output power of the system can be limited to 300W(ESK400) or 600W(ESK800).

*** The AC voltage , frequency range and plug type may vary depending on specific country grid.

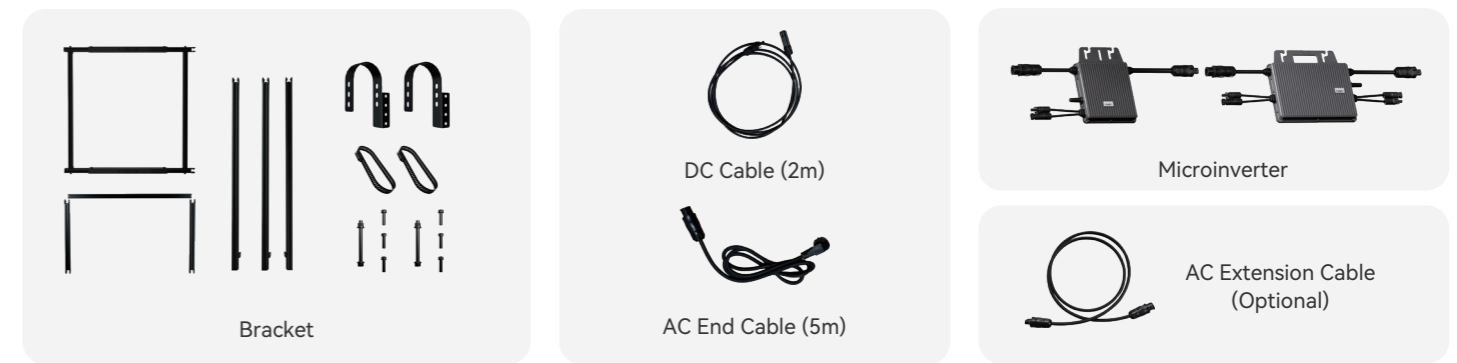
Ordering Information

| Model | | |
|-------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Transformer | TSOL-ESK400-T | TSUNESS ESK Transformer (Black Bracket, Microinverter MS400, end cable 5m and plug, DC cable 0.8m*2, Railing installation kit) |
| Transformer | TSOL-ESK800-T | TSUNESS ESK Transformer (Black Bracket*2, Microinverter MS800, End cable 5m and plug, DC cable 2m*2, DC cable 0.8m*2, Railing installation kit) |

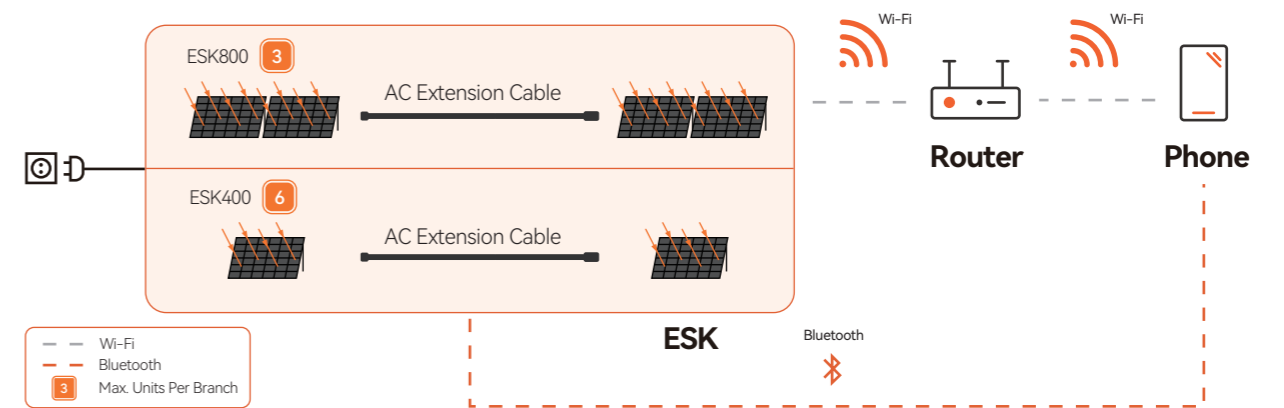
Application



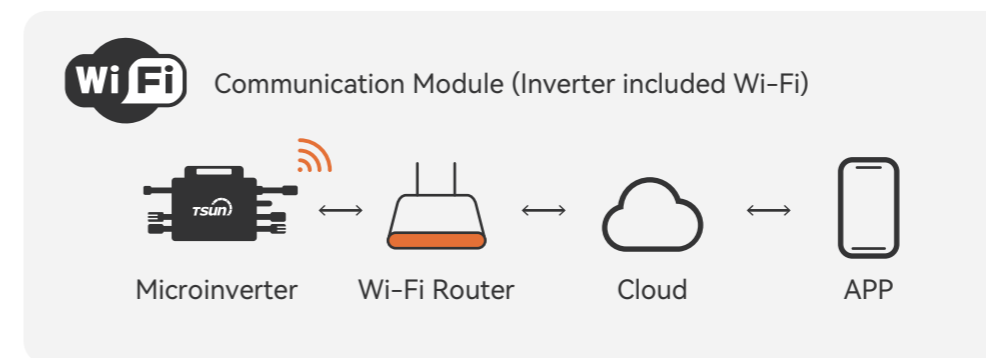
Standard Configuration



System Diagram



Monitoring Platform



Talent Home is an **energy monitoring mobile application software**.

Users can use Talent Home to monitor the real-time operation of the entire pv power generation system.

Monitor Generation Data of Solar Plant

One-button to Connect Network

Power Generation Statistics

Module-level Monitoring System

Fast Network Configuration