

MORE SAFETY MORE POWER



## EASY SOLAR KIT Balcony Air Vertical

TSOL-ESK400-Air (V)  
TSOL-ESK800-Air (V)



Product  
Warranty

Applicable for  
Sleek Design and Seamless  
Integration with the  
**Balcony**



Lightweight



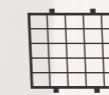
Highly Waterproof



Wind-resistant



Plug & Play



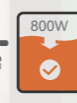
All-in-one Design



Easier Installation



Built-in WiFi,  
APP Remote Monitoring



Output Power 400W/800W  
Can be Adjusted According to  
Local Regulations

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updated on 19th Apr, 2024

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## Technical Data

| Model  | TSOL-ESK400-Air (V)                      | TSOL-ESK800-Air (V) |
|--|--|---------------------|
| <b>PV Module Parameter *</b>                 |  |                     |
| Module Power(Pmpp @STC)                      | 200*2                                    | 200*4               |
| Max. Module Efficiency                       | 20.4%                                    | 20.4%               |
| Temp. Coef. (Power)                          | -0.36%/°C                                | -0.36%/°C           |
| Color  | Black                                    | Black               |
| <b>AC Output Parameter</b>                   |  |                     |
| Max. System Continuous 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)                   |                     |
| <b>Certification</b>                         |  |                     |
| 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   |                     |
| <b>Environmental Parameter</b>               |  |                     |
| Environmental Protection Rating              | IP67                                     |                     |
| Operating Ambient Temperature Range          | -25 °C to 65 °C                          |                     |
| Relative Humidity                            | 0-100%                                   |                     |
| Max. Operating Altitude Without Derating [m] | 2000                                     |                     |
| <b>Module Parameter</b>                      |  |                     |
| Weight [kg]                                  | 2x3.4                                    | 4x3.4               |
| Dimensions (W×H×D mm)                        | 2x(1270*900*2.5)                         | 4x(1270*900*2.5)    |
| Warranty                                     | 12 years                                 |                     |
| <b>Packing Parameter</b>                     |  |                     |
| Weight [kg]                                  | 13kg                                     | 25kg                |
| Dimensions (W×H×D mm)                        | 1340*960*65                              | 1340*960*105        |

\* 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.

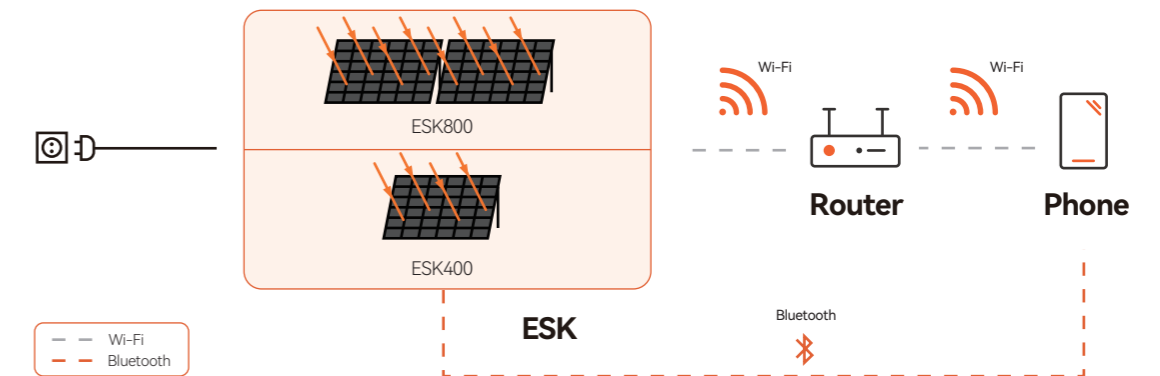
## Ordering Information

| Model                |                     |  |
|----------------------|---------------------|--|
| Balcony Air Vertical | TSOL-ESK400-Air (V) | TSUNESS ESK Balcony Air Vertical<br>(200W Light panel*2, micro inverter MS400, end cable 5m and plug)      |
| Balcony Air Vertical | TSOL-ESK800-Air (V) | TSUNESS ESK Balcony Air Vertical<br>(200W Full black panel*4, micro inverter MS800, end cable 5m and plug) |

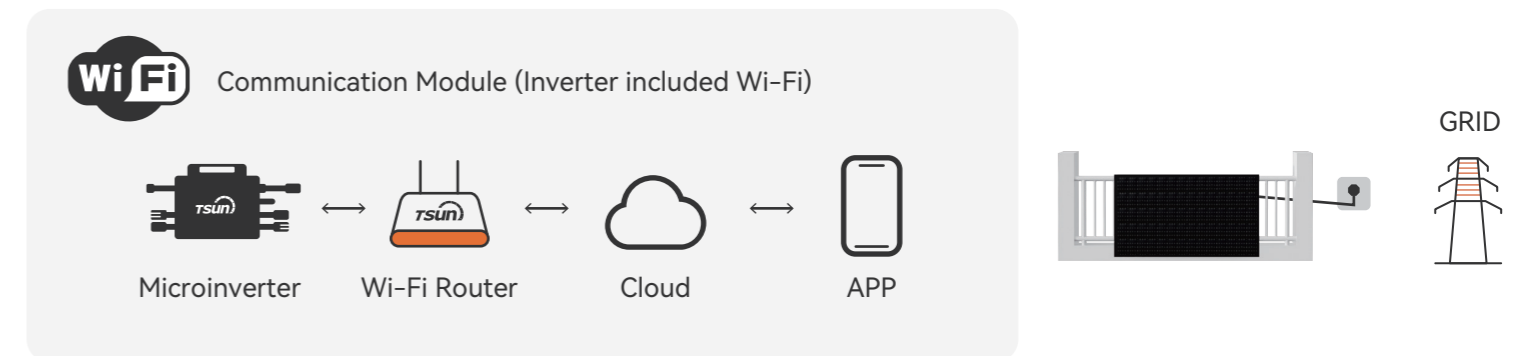
## Standard Configuration



## 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