

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



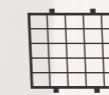
Highly Waterproof



Wind-resistant



Plug & Play



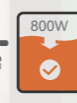
All-in-one Design



Easier Installation



Built-in WiFi,
APP Remote Monitoring



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

TSUNESS Headquarter

🌐 www.tsun-ess.com
☎ +86 512 6618 6028
✉ sales@tsun-ess.com
📍 2nd Floor, Building 2, No. 55 Aigehao Road, Weitang Town, Xiangcheng District, Suzhou City, Jiangsu Province, China

TSUNESS Europe GmbH

🌐 de.tsun-ess.com
✉ sales@tsun-ess.com / service_DE@tsun-ess.com
📍 Friedrich-Ebert-Anlage 36, 60325 Frankfurt am Main, Germany



updated on 19th Apr, 2024

TSUNESS Co., Ltd

sales@tsun-ess.com www.tsun-ess.com +86-512-66186028

Technical Data

Model	TSOL-ESK400-Air (V)	TSOL-ESK800-Air (V)
PV Module Parameter *		
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
AC Output Parameter		
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)	
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	
Module Parameter		
Weight [kg]	2x3.4	4x3.4
Dimensions (W×H×D mm)	2x(1270*900*2.5)	4x(1270*900*2.5)
Warranty	12 years	
Packing Parameter		
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.

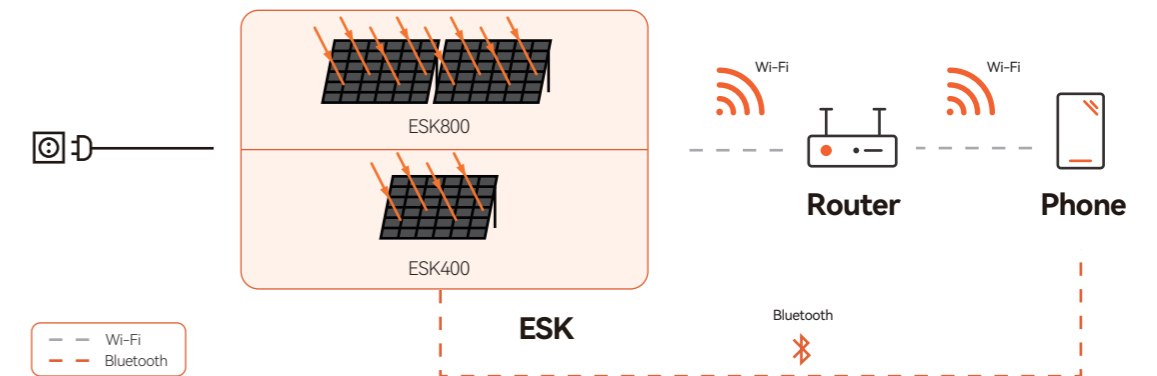
Ordering Information

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

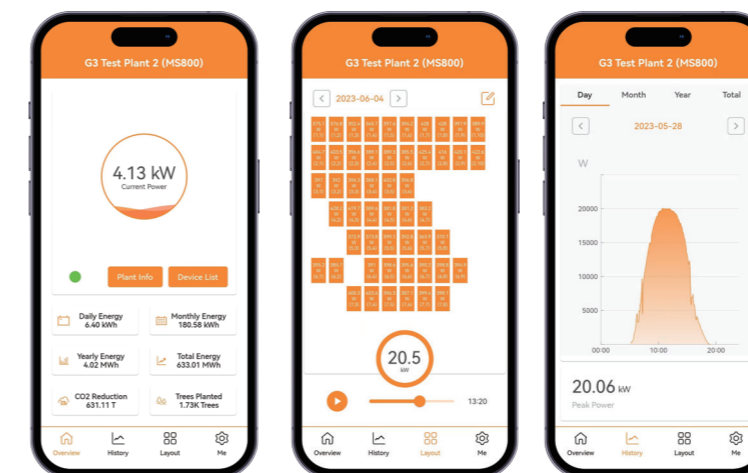
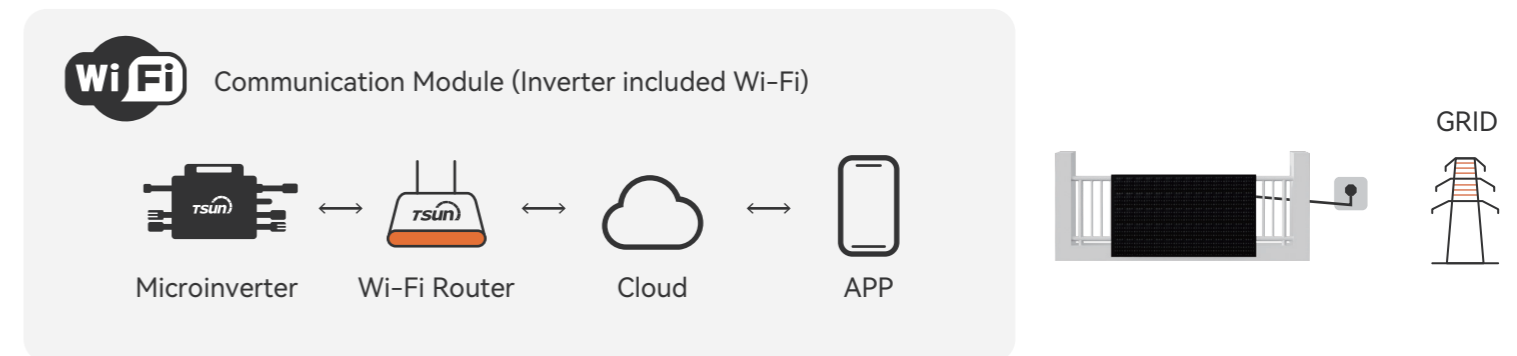
Standard Configuration



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