

MORE SAFETY MORE POWER



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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



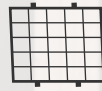
Highly Waterproof



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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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 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]	2x3.4	4x3.4
Dimensions (W×H×D mm)	2x(1270*900*2.5)	4x(1270*900*2.5)
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		
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



Lightweight (3.4kg)

200W PV Module



DC Cable (2m, Only for ESK800)

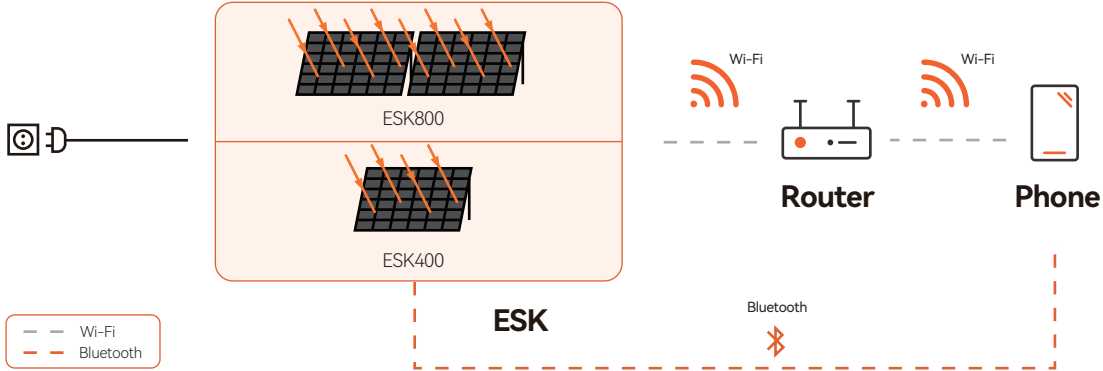


AC End Cable (5m)

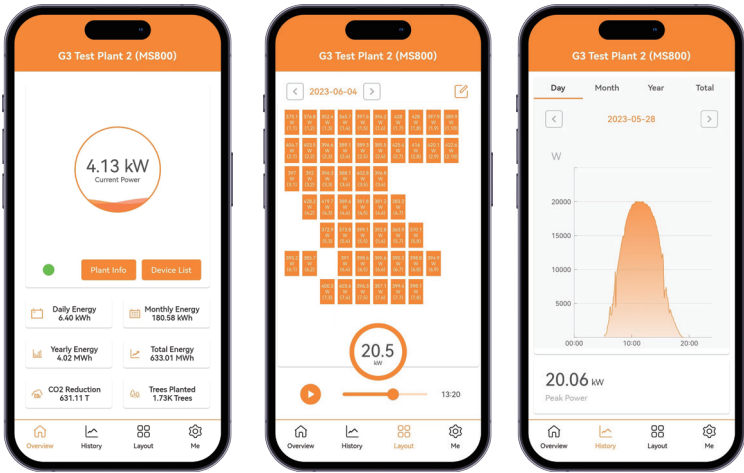
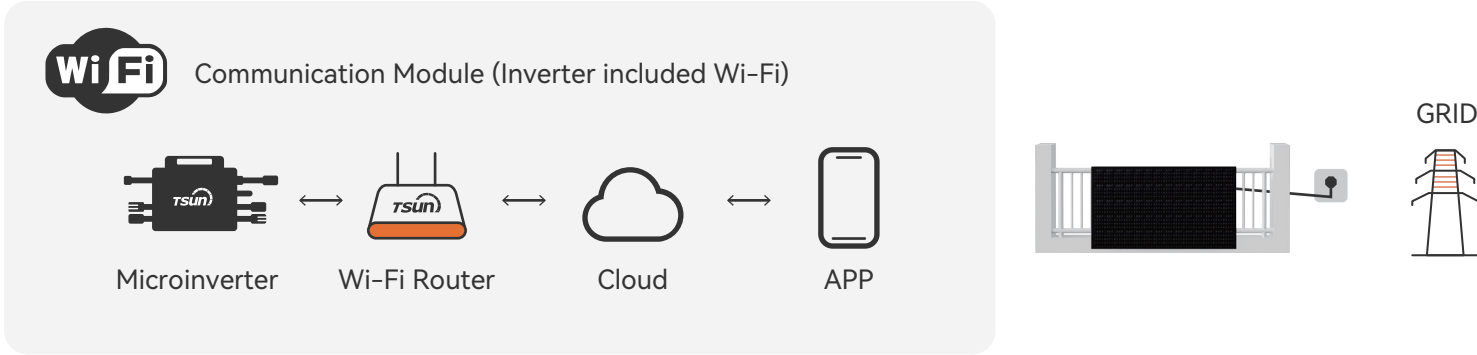


Microinverter

System Digram



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