MORE SAFETY MORE POWER

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MORE SAFETY MORE POWER

EASY SOLAR KIT
Balcony Angled

TSOL-ESK400-BA / TSOL-ESK800-BA

12 YEARS
Product Warranty

Applicable for
Balcony
Designed with a specific PV tilt angle, ensuring high power output

Solid
Highly Waterproof
Wind-resistant Snow-prevention

Plug & Play
All-in-one Design
DIY Installation

Built-in WiFi, APP Remote Monitoring
800W
Output Power 400W/800W Can be Adjusted According to Local Regulations
Angle Adjustable for More Power Generation

TSUNESS Co., Ltd
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Technical Data

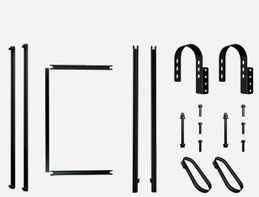
Model	TSOL-ESK400-BA	TSOL-ESK800-BA
PV Module Parameter *		
Module Power(Pmpp @STC)	400 (400 - 460 optional)	400 * 2 (400 - 460 optional)
Max. Module Efficiency	20.7% (up to 24%)	20.7% (up to 24%)
Temp. Coef. (Power)	-0.34%/℃	-0.34%/℃
Color	Black	Black
AC Output Parameter		
Max. System Continous Output 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	
Environmental Parameter		
Environmental Protection Rating	IP67	
Operating Ambient Temperature Range	-40 ℃ to 60 ℃	
Relative Humidity	0-100%	
Max. Operating Altitude Without Derating [m]	2000	
Mechanical Parameter		
Weight [kg]	29	58
Package Dimensions (W×H×D mm)	1722x1195x605	1722x1195x605 *2pcs
Color	S: Silver / B:Black / BC: Blakc Piemer（Back Contact PV module）	
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 Angled	TSOL-ESK400-BA	TSUNESS ESK Balcony Angled (400W Full black panel, black bracket with fixed angle, micro inverter MS400, end cable 5m and plug)
Balcony Angled	TSOL-ESK800-BA	TSUNESS ESK Balcony Angled (400W Full black panel*2, black bracket with fixed angle*2, micro inverter MS800, DC cable 2m*2, end cable 5m and plug)

Standard Configuration



Bracket

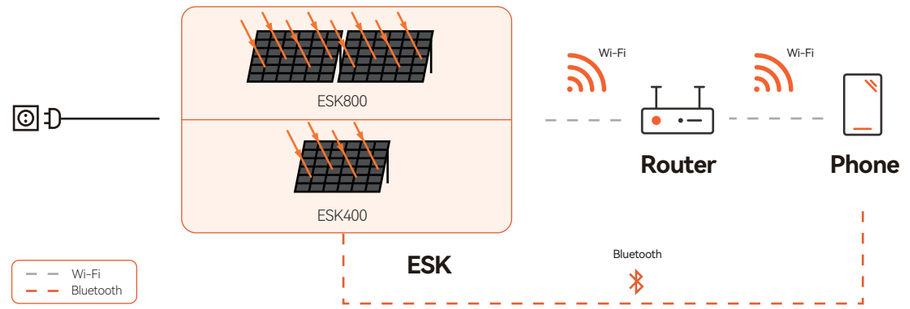
400W PV Module

DC Cable (2m, Only for ESK800)

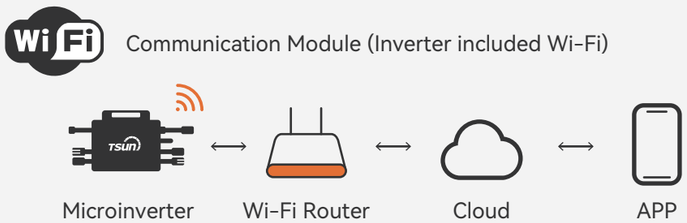
AC End Cable (5m)

Microinverter

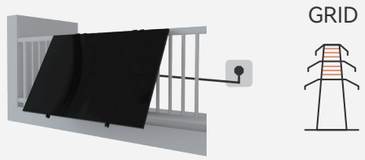
System Digram

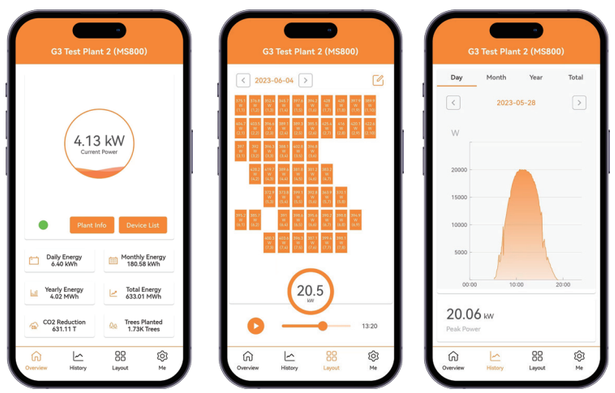


Monitoring Platform



Application





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