

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

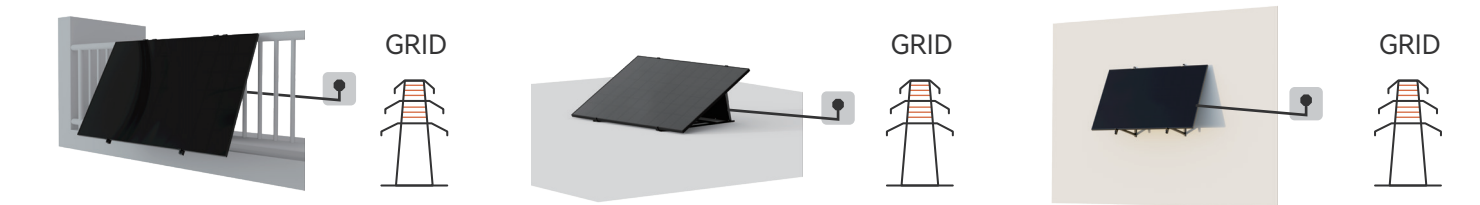
Model	TSOL-ESK400-T	TSOL-ESK800-T
PV Module Parameter *		
Reconmended Module Power(Wp)	400 - 460	
Length of Solar Module (mm)	>900	
Width of Solar Module (mm)	>500 ; < 1150	
Thickness of Solar Module (mm)	30	
AC Output Parameter		
Max. System Continous Output Power (W)**	400	800
Max. Output Current (A)	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	S: Silver / B: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)

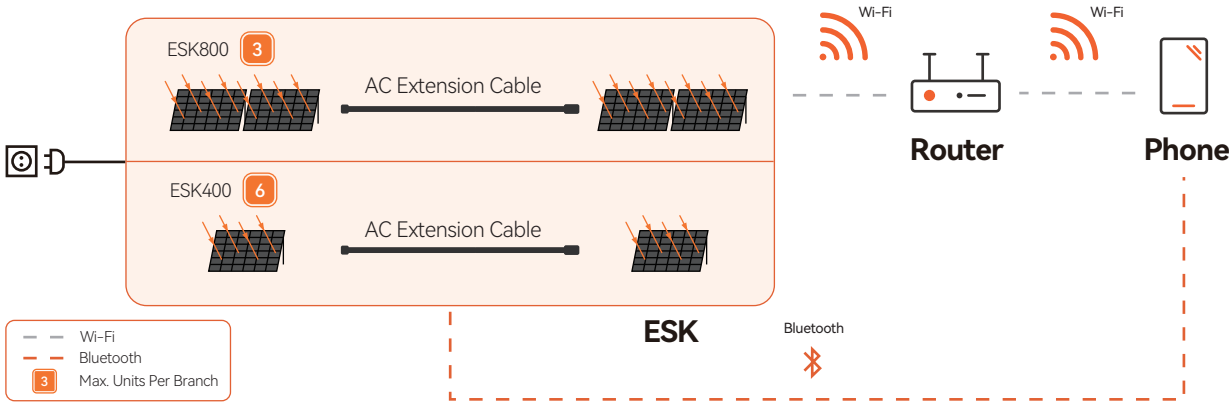
Application



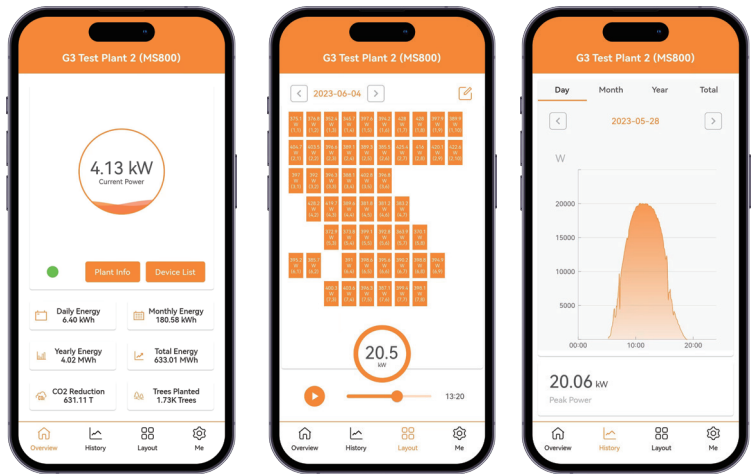
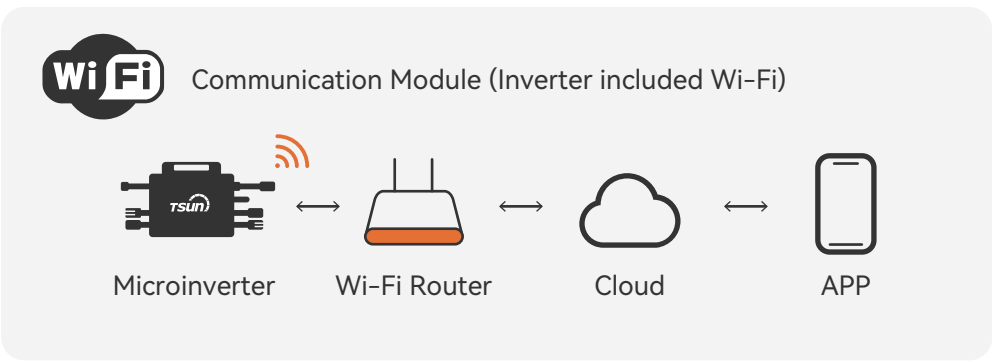
Standard Configuration



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