

Easy Solar Kit



Ground

Pop-up

TSOL-ESK400-P / TSOL-ESK800-P



Product
Warranty



Pre-Assembly



All in one Design



Highly Waterproof



Wind & Snow Prevention



Plug & Play



Built-in WiFi, APP Remote Monitoring



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



Angle Adjustable for More
Power Generation

TSUNESS Co., Ltd

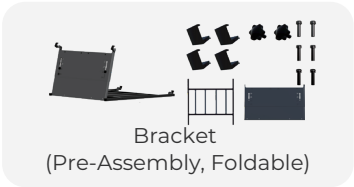
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Technical Data

Model	TSOL-ESK400-P	TSOL-ESK800-P
PV Module Parameter *		
Module Power(Pmpp @STC)	430 (400 – 500 Optional)	430 x 2 (400 – 500 Optional)
Max. Module Efficiency	20.7% (up to 24 %)	20.7 % (up to 24 %)
Temp. Coef. (Power)	-0.34% / °C	-0.34% / °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 (m)**	5 (10, 15 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)	29	58
Package Dimensions (W×H×D mm)	1724 x 1164 x 90	1724 x 1164 x 90 x 2 pcs
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 according to local regulations.
*** The AC voltage , frequency range and plug type may vary depending on specific country grid.

Standard Configuration



Bracket
(Pre-Assembly, Foldable)



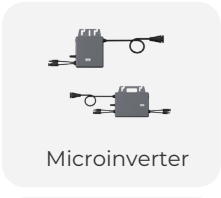
430W PV Module



DC Cable
(2 m, Only for ESK800)



AC End Cable (5 m)



Microinverter



AC Extension Cable
(Optional)

System Digram

