

Easy Solar Kit



All Scenarios

Universal

TSOL-ESK400-U / TSOL-ESK800-U



Product
Warranty



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

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Technical Data

Model	TSOL-ESK400-U	TSOL-ESK800-U
PV Module Parameter *		
Module Power(Pmpp @STC)	430 (400 - 480 optional)	430 * 2 (400 - 480 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***	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]	29	58
Package Dimensions (W×H×D mm)	1722x1195x605	1722x1195x605 *2pcs
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



System Diagram

