

Easy Solar Kit



Balcony

Balcony Air Vertical

TSOL-ESK400-Air(V) / TSOL-ESK800-Air(V)



Product
Warranty



Lightweight



All in one Design



Highly Waterproof



Wind Prevention



Plug & Play



Built-in WiFi, APP Remote Monitoring



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



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Technical Data

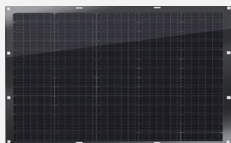
Model	TSOL-ESK400-Air(V)	TSOL-ESK800-Air(V)
PV Module Parameter *		
Module Power(Pmpp @STC)	200 x 2	200 x 4
Max. Module Efficiency	20.4 %	20.4 %
Temp. Coef. (Power)	-0.36 % / °C	-0.36 % / °C
Color	Black	Black
AC Output Parameter		
Max. System Continuous Output Power (W)**	400	800
Max. Output Current (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]	13	25
Package Dimensions (W×H×D mm)	1340 x 960 x 65	1340 x 960 x 65 x 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



Lightweight (3.4 kg)

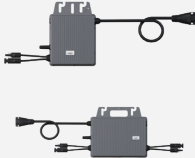
2 x 200 W PV Module
4 x 200 W PV Module



2 x DC Cable (2 m)
4 x DC Cable (2 m)



AC End Cable (5 m)



Microinverter

System Digram

