Easy Solar Kit

TSUN
MORE SAFETY MORE POWER

Balcony **Balcony Vertical**

TSOL-ESK400-BV / TSOL-ESK800-BV

12 YEARS
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**



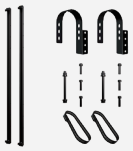
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Technical Data

Model	TSOL-ESK400-BV	TSOL-ESK800-BV
PV Module Parameter *		
Module Power(Pmpp @STC)	430 (400 – 500 Optional)	2 x 430 (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)	27	54
Package Dimensions (W×H×D mm)	1722 x 1195 x 164	1722 x 1195 x 164 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



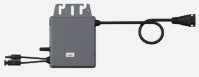
430W PV Module

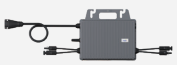


DC Cable
(2m, Only for ESK800)



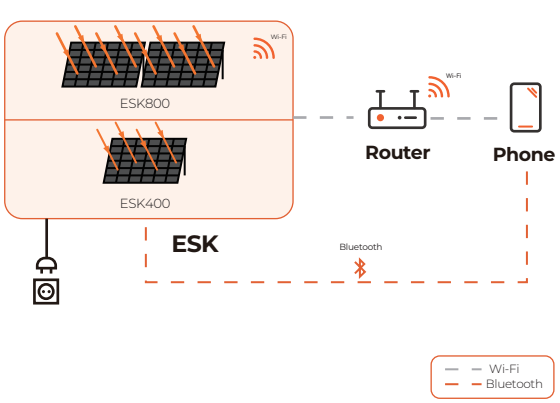
AC End Cable (5m)





Microinverter

System Digram



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