

Easy Solar Kit



Balcony

Balcony Vertical

TSOL-ESK400-BV / TSOL-ESK800-BV



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



TSUNESS Co., Ltd

sales@tsun-ess.com www.tsun-ess.com +86-512-66186028

Technical Data

| Model | TSOL-ESK400-BV | TSOL-ESK800-BV |
|--|--|------------------------------|
| 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 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*** | 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] | 27 | 54 |
| Package Dimensions (W×H×D mm) | 1722x1195x164 | 1722x1195x164 *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

