



## Solar Roof Tiles

**Pmax: 12W/8W**

TOPCON Solar Cell  
**25.1%**  
 Efficiency Up To

### FEATURES

#### Superior Waterproof Performance

Highly resistant to water infiltration  
 Durable in extreme weather  
 Ensures long-term roof protection

#### Lightweight Design

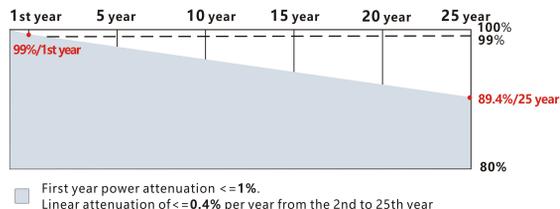
Only 1.3KG  
 Reduces structural load  
 Easy to transport and handle

#### Easy Installation & Construction

Quick installation  
 Compatible with standard roofing methods  
 Saves time and labor costs

#### Standard Tile Dimensions

Matches traditional tile sizes  
 Seamless integration  
 No need for additional structural modifications



10 year

Quality warranty

25 year

Performance warranty

- 1st year degradation less than 1%,
- 25 years power output 89.4% guaranteed.

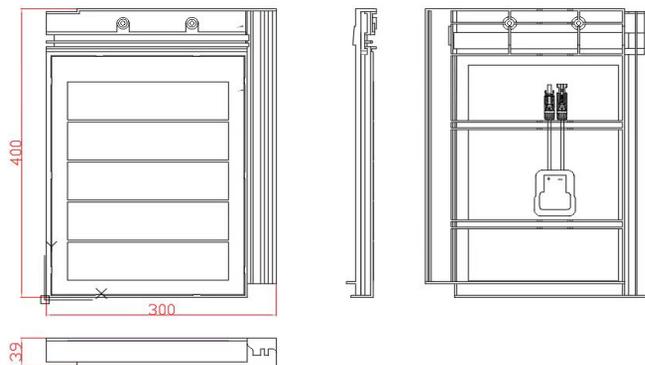
- ★ ISO 9001: 2015 Quality Management
- ★ ISO14001: 2015 Environment

Strictly complying with IEC 61215 and IEC 61730 standards

## SPECIFICATION

Model	ESM-R12W full black	ESM-R8W terra cotta
Pmax	12W	8W
Voc	3.42V	3.42V
Isc	4.51A	3.10A
Vmpp	2.9V	2.9V
Imp	4.26A	2.76A
Weight	1.3kg	1.3kg
Product size	400*300*39mm	
Cell Size	210*52.5mm	
Solar Cell QTY	5pcs	
Cable Length	350mm(can be customized)	
QTY/Pallet	18pcs/box; 24boxes/pallet;432pcs/pallet	
Dimension	930*1300*1900mm	
QYT in 20HQ	5184pcs	
QTY in 40HQ	10368pcs	

## PRODUCT DRAWING



## APPLICATION



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