



## TP660M

Peak Power:240-265Wp

### MODULE CHARACTERISTICS

- Plus Only Power Tolerance: 0-+3%
- High Mechanical Load Strength:  
Product to Withstand High Wind Loads (2400Pa) and High Snow Loads (5400Pa) in Accordance with IEC 61215
- Fully Automated Production Line:
  - Better Soldering
  - Better Cell Spacing Tolerance:  $\pm 0.3\text{mm}$
  - Better and More Consistent Product Quality

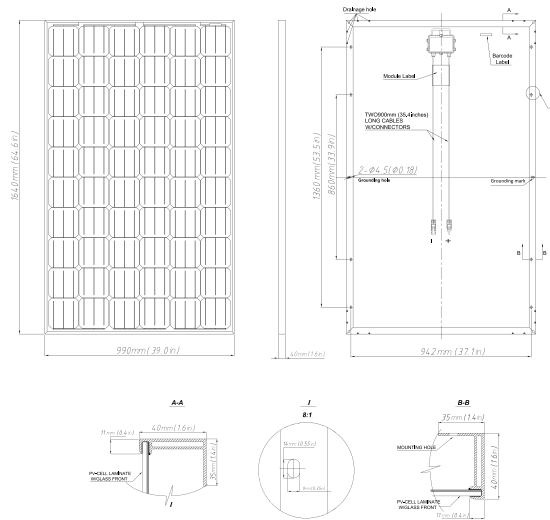


### ELECTRICAL PARAMETERS\* TP660M

| MODEL                          | 240   | 245   | 250   | 255   | 260          | 265   |
|--------------------------------|-------|-------|-------|-------|--------------|-------|
| Maximum Rated Power at STC     | 240W  | 245W  | 250W  | 255W  | 260W         | 265W  |
| Voltage at Maximum Power (Vmp) | 30.3V | 30.5V | 30.7V | 30.7V | 30.8V        | 30.9V |
| Current at Maximum Power (Imp) | 7.95A | 8.05A | 8.17A | 8.33A | 8.46A        | 8.59A |
| Open Circuit Voltage (Voc)     | 37.4V | 37.5V | 37.7V | 37.8V | 37.9V        | 38.1V |
| Short Circuit Current (Isc)    | 8.58A | 8.63A | 8.68A | 8.73A | 8.78A        | 8.83A |
| Module Efficiency $\eta_m(\%)$ | 14.8  | 15.1  | 15.4  | 15.7  | 16.0         | 16.3  |
| Power Tolerance                | 0-+3% |       |       |       |              |       |
| Temperature Coefficient        | Pmax  |       |       |       | -0.45%/°C    |       |
|                                | Voc   |       |       |       | -0.35%/°C    |       |
|                                | Isc   |       |       |       | +0.05%/°C    |       |
|                                | NOCT  |       |       |       | 45 $\pm$ 2°C |       |

\* STC: 1000 w/m<sup>2</sup>, 25 °C, AM 1.5

## TECHNICAL DRAWINGS

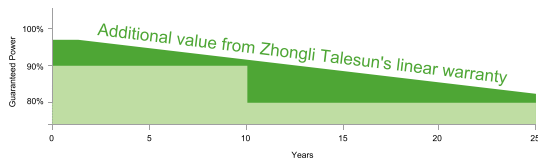


## DIMENSIONS

|                          |  |
|--------------------------|--|
| Cell Type                | Mono Crystalline                         |
| Cell Dimensions          | 156 × 156mm(6inch)                       |
| Cell Arrangement         | 60 (6 × 10)                              |
| Weight                   | 20kg(44.1lbs)                            |
| Module Dimensions        | 1640 × 990 × 40mm(64.6 × 39.0 × 1.6inch) |
| Cable Length             | 900mm(35.4inch)                          |
| Cable Cross Section Size | 4mm <sup>2</sup> (0.006sq.in)            |
| No. of Bypass Diodes     | 3/6                                      |
| Packing Configuration    | 25pcs/Pallet, 150pcs/20hq, 700pcs/40hq   |
| Frame                    | Anodized Aluminium Alloy                 |
| Junction Box             | IP 65 Rate                               |

## WARRANTY

Product Quality Warranty: 10 years

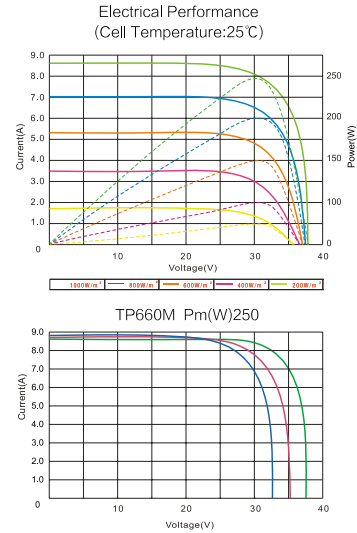


## CERTIFICATIONS & STANDARDS

IEC61215, IEC61703, UL1703, IEC61701(Salt Mist Corrosion Test), IEC62716(Ammonia Corrosion Test)

## I-V CURVE

Output under different radiation and temperature conditions.



## OPERATING CONDITIONS

|                        |                |
|------------------------|----------------|
| Maximum System Voltage | 1000V/DC(IEC)  |
| Operating Temp.        | -40°C~+85°C    |
| Maximum Series Fuse    | 15A            |
| Static Loading         | 5400pa         |
| Conductivity at Ground | 0.1 Ω          |
| Safety Class           | II             |
| Resistance             | ≥ 100MΩ        |
| Connector              | MC4 Compatible |

Performance as Set Forth Below:

- During the first year, TALESUN guarantees the actual power output of the module will be no less than 97% of the labeled power output.
- From year 2 to year 24, the actual annual power decline will be no more than 0.7%; by the end of year 25, the actual power output will be no less than 80% of the labeled power output.