



TP660M-B

Peak Power:240-260Wp

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
- Black Frame and Black Back Sheet

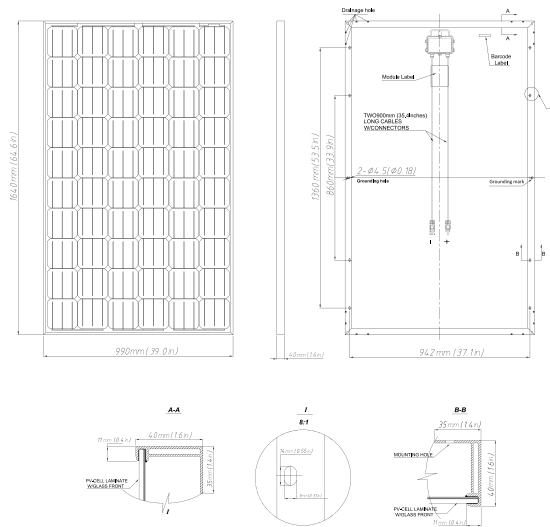


ELECTRICAL PARAMETERS* TP660M-B

MODEL	240	245	250	255	260
Maximum Rated Power at STC	240W	245W	250W	255W	260W
Voltage at Maximum Power (V _{mp})	30.3V	30.5V	30.7V	30.7V	30.8V
Current at Maximum Power (I _{mp})	7.95A	8.05A	8.17A	8.33A	8.46A
Open Circuit Voltage (V _{oc})	37.4V	37.5V	37.7V	37.8V	37.9V
Short Circuit Current (I _{sc})	8.58A	8.63A	8.68A	8.73A	8.78A
Module Efficiency η m(%)	14.8	15.1	15.4	15.7	16.0
Power Tolerance	0-+3%				
Temperature Coefficient	P _{max}			-0.45%/°C	
	V _{oc}			-0.35%/°C	
	I _{sc}			+0.05%/°C	
	NOCT			45 \pm 2°C	

* STC: 1000 w/m², 25 °C, AM 1.5

TECHNICAL DRAWINGS

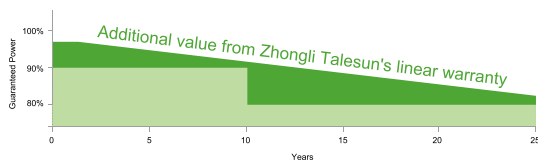


DIMENSIONS

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 ² (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

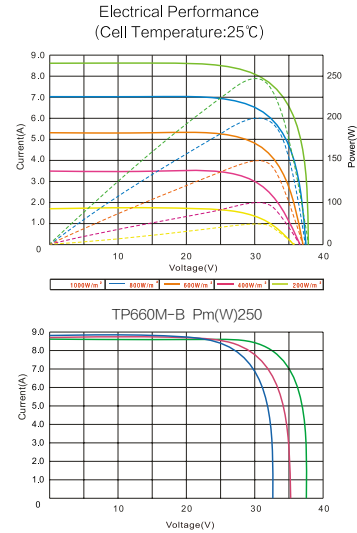


CERTIFICATIONS & STANDARDS

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.