



# 182M SPLIT CELL

## 250W



**Outstanding mechanical load resistance**  
2400 Pa wind load, 5400 Pa snow load



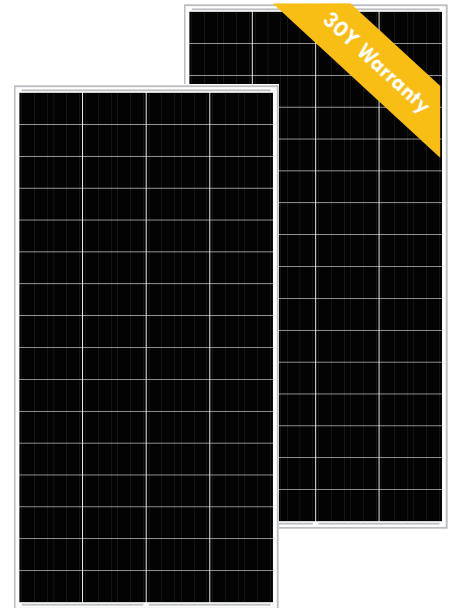
**Anti-PID (potential induced degradation)**  
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours



**Great Durability against extreme conditions**  
Passed salt mist corrosion test, ammonia corrosion test, dust&sand test, fire test, all certified by TUV



**Double electroluminescence (EL) tests**  
Carefully inspected before and after lamination to guarantee fault-free modules



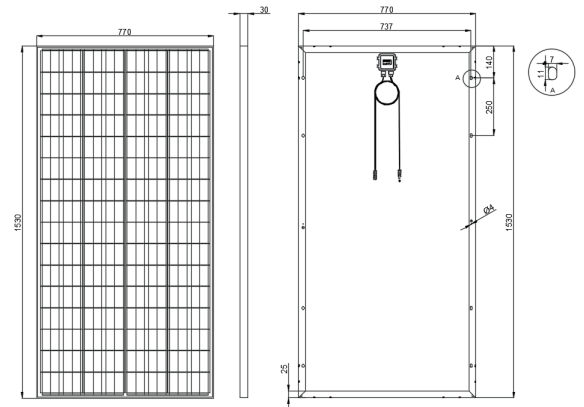
### ELECTRICAL PERFORMANCE

| Model Type                  | YH250W-16M  |
|-----------------------------|-------------|
| Dimensions (L / W / H)      | 1530*770*30 |
|                             | STC         |
| Peak Power at STC (Pmax)    | 250         |
| Maximum Power Voltage (Vmp) | 18.56V      |
| Maximum Power Current (Imp) | 13.47A      |
| Open Circuit Voltage (Voc)  | 21.76V      |
| Short Circuit Current (Isc) | 14.23A      |
| Module Efficiency(%)        | 21.22       |



### THERMAL CHARACTERISTICS & OPERATING CONDITIONS

|                                             |              |
|---------------------------------------------|--------------|
| <b>Maximum System Voltage(V)</b>            | <b>1500V</b> |
| Maximum Series Fuse Rating(A)               | 15A          |
| Power Tolerance                             | 0~+3W        |
| Pmax Temperature Coefficients(W/°C)         | -0.340%      |
| Voc Temperature Coefficients(V/°C)          | -0.250%      |
| Isc Temperature Coefficients(A/°C)          | +0.040%      |
| NOCT Nominal Operating Cell Temperature(°C) | 45±2°C       |
| Operating and Storage Temperature(°C)       | -40°C~+85°C  |

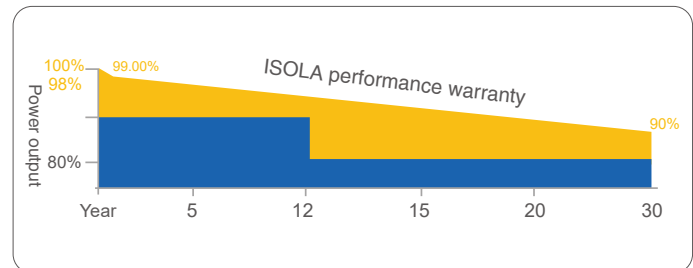


### CONSTRUCTION MATERIALS

|                                           |                                        |
|-------------------------------------------|----------------------------------------|
| <b>Front Cover (Material / Thickness)</b> | <b>low-iron tempered glass / 3.2mm</b> |
| Cell (Quantity/Type/Dimensions)           | 182*91 Mono                            |
| No. of Cells                              | 64(4*16)                               |
| Frame (Material)                          | Anodized Aluminium Alloy               |
| Junction Box (Protection Degree)          | IP65/IP67                              |
| Cable (Length/Cross-Sectional Area)       | 4mm² cable 90cm+mc4                    |
| Weight                                    | 12.37kg                                |

### PACKAGING SPECIFICATIONS

- 20FT container 7Packages/560PCS
- 40HQ container 15Packages/1440PCS



STC Irradiance 1000W/m² Cell Temperature 25°C AM=1.5  
NOCT Irradiance 800W/m² Ambient Temperature 20°C AM=1.5



Please Scan Code