



166M SPLIT CELL

100W-110W



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 TÜV



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



ELECTRICAL PERFORMANCE

| Model Type | YH100W-18M | YH110W-18M |
|-----------------------------|-------------|-------------|
| Dimensions (L / W / H) | 1075*540*30 | 1075*540*30 |
| | STC | STC |
| Peak Power at STC (Pmax) | 100 | 110 |
| Maximum Power Voltage (Vmp) | 18.56 | 20.12 |
| Maximum Power Current (Imp) | 5.39 | 5.47 |
| Open Circuit Voltage (Voc) | 21.92 | 23.52 |
| Short Circuit Current (Isc) | 5.7 | 5.78 |
| Module Efficiency(%) | 17.30 | 19.03 |

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

| | |
|---|--------------|
| Maximum System Voltage(V) | 1000V |
| Maximum Series Fuse Rating(A) | 10 |
| Power Tolerance | 0~+3% |
| Pmax Temperature Coefficients(W/°C) | -0.350% |
| Voc Temperature Coefficients(V/°C) | -0.270% |
| Isc Temperature Coefficients(A/°C) | +0.048% |
| NOCT Nominal Operating Cell Temperature(°C) | 45±2 |
| Operating and Storage Temperature(°C) | -40°C~+85°C |

CONSTRUCTION MATERIALS

| Front Cover (Material / Thickness) | low-iron tempered glass / 3.2mm |
|-------------------------------------|---------------------------------|
| Cell (Quantity/Type/Dimensions) | 166*83 Mono |
| No. of Cells | 36(3*12) |
| Frame (Material) | Anodized Aluminium Alloy |
| Junction Box (Protection Degree) | IP65/IP67 |
| Cable (Length/Cross-Sectional Area) | 2.5mm² cable 50cm+mc4 |
| Weight | 6.10kg |

PACKAGING SPECIFICATIONS

- 20FT container 10Packages/1360PCS
- 40HQ container 22Packages/2856PCS

