



182M SPLIT CELL

250W-280W



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



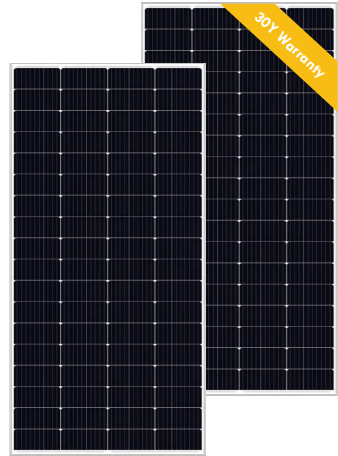
Anti-PID(potential induced degradation)
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours



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-36M	YH260W-36M	YH270W-36M	YH280W-36M
Dimensions (L / W / H)	1725*770*30	1725*770*30	1725*770*30	1725*770*30
	STC	STC	STC	STC
Peak Power at STC (Pmax)	250	260	270	280
Maximum Power Voltage (Vmp)	40.24V	40.87V	41.44V	42.27V
Maximum Power Current (Imp)	6.22A	6.37A	6.52A	6.63A
Open Circuit Voltage (Voc)	46.96	47.52	47.80	48.07
Short Circuit Current (Isc)	6.57	6.72	6.86	6.94
Module Efficiency(%)	18.82	19.57	20.33	21.08

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

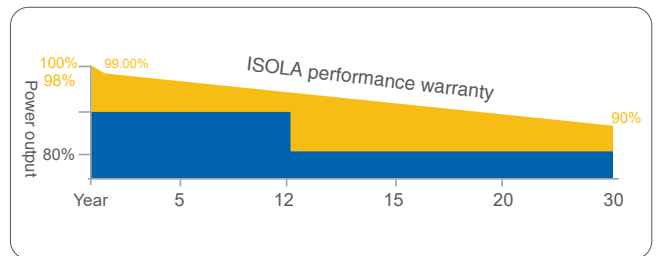
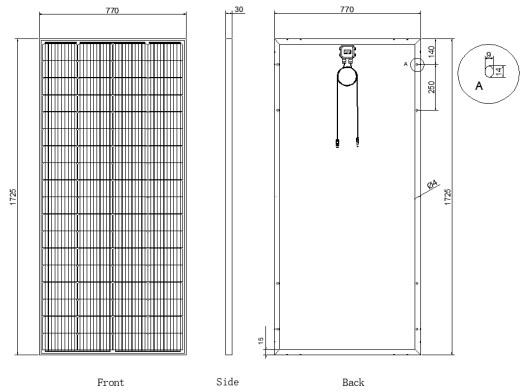
Maximum System Voltage(V)	1000V
Maximum Series Fuse Rating(A)	15A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.270%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	182*91 Mono
No. of Cells	72(4*18)
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP65/IP67
Cable (Length/Cross-Sectional Area)	4mm ² cable 90cm+mc4
Weight	13.95kg

PACKAGING SPECIFICATIONS

- 20FT container 6Packages/456PCS
- 40HQ container 15Packages/1196PCS



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