



BI-FACIAL 182M HALF CELL

570W - 580W

- 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	YH570W-36MH	YH575W-36MH	YH580W-36MH
Dimensions (L / W / H)	2278*1134*30mm	2278*1134*30mm	2278*1134*30mm
	STC	STC	STC
Peak Power at STC (Pmax)	570	575	580
Maximum Power Voltage (Vmp)	42.07	42.22	42.37
Maximum Power Current (Imp)	13.55	13.62	13.69
Open Circuit Voltage (Voc)	50.74±3%	50.88±3%	51.02±3%
Short Circuit Current (Isc)	14.31±3%	14.39±3%	14.47±3%
Module Efficiency(%)	22.07	22.26	22.45

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	30A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.300%
Voc Temperature Coefficients(V/°C)	-0.250%
Isc Temperature Coefficients(A/°C)	+0.046%
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 / 2.0mm
Cell (Quantity/Type/Dimensions)	182*91 N Type Bifacial Mono
No. of Cells	144 (12*12)
Frame (Material)	Anodized Aluminium Alloy
Weight	31.20kg
Junction Box (Protection Degree)	IP68
Cable (Length/Cross-Sectional Area)	4mm² cable 30cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKAGING SPECIFICATIONS

- 20FT container 6 Packages/324 PCS
- 40HQ container 18 Packages/666 PCS

