



BI-FACIAL 182M HALF CELL

550W - 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



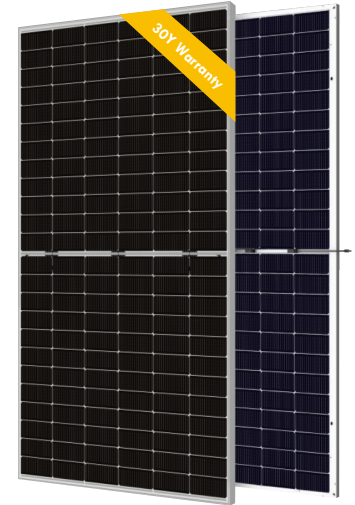
Great Durability against extreme conditions

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	YH550W-36MH	YH555W-36MH	YH560W-36MH	YH565W-36MH	YH570W-36MH	YH580W-36MH
Dimensions (L / W / H)	2278*1134*30mm	2278*1134*30mm	2278*1134*30mm	2278*1134*30mm	2278*1134*30mm	2278*1134*30mm
	STC	STC	STC	STC	STC	STC
Peak Power at STC (Pmax)	550	555	560	565	570	580
Maximum Power Voltage (Vmp)	41.50	41.64	41.77	41.92	42.07	42.37
Maximum Power Current (Imp)	13.26	13.33	13.41	13.48	13.55	13.69
Open Circuit Voltage (Voc)	50.21±3%	50.34±3%	50.47±3%	50.60±3%	50.74±3%	51.02±3%
Short Circuit Current (Isc)	14.00±3%	14.07±3%	14.15±3%	14.23±3%	14.31±3%	14.47±3%
Module Efficiency(%)	21.29	21.48	21.68	21.87	22.07	22.26

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

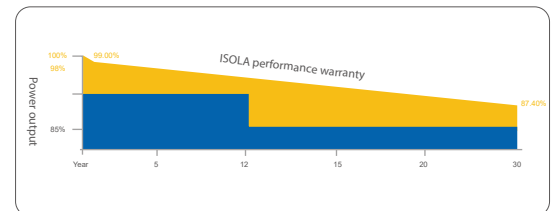
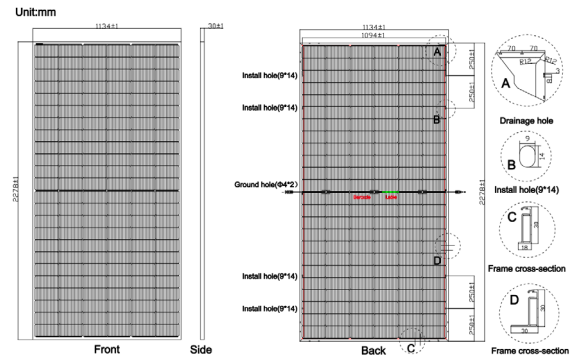
Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	30A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.300%
Voc Temperature Coefficients(V/°C)	-0.250%
Isc Temperature Coefficients(A/°C)	+0.046%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-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	27.40kg
Junction Box (Protection Degree)	IP68
Cable (Length/Cross-Sectional Area)	4mm ² cable 30cm+mc4
MaxWind Load/Snow Load	2400Pa/5400Pa

PACKAGING SPECIFICATIONS

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



- 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