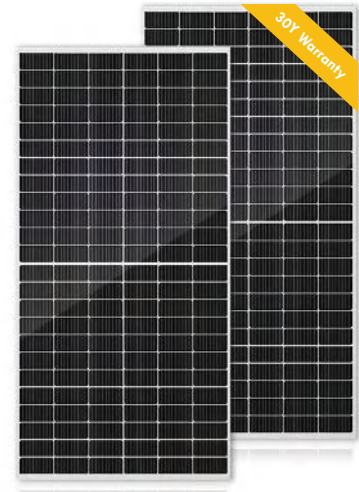




166M HALF CELL

430W-460W



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	YH430W-36MH		YH440W-36MH		YH450W-36MH		YH460W-36MH	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Dimensions (L / W / H)	2094*1038*30		2094*1038*30		2094*1038*30		2094*1038*30	
Peak Power at STC (Pmax)	430	321	440	329	450	336	460	343
Maximum Power Voltage (Vmp)	40.7V	37.9V	41.1V	38.3V	41.5V	38.6V	41.9V	39.0V
Maximum Power Current (Imp)	10.57A	8.47A	10.71A	8.6A	10.85A	8.7A	10.99A	8.8A
Open Circuit Voltage (Voc)	48.5±3%	45.5±3%	48.9±3%	45.8±3%	49.3±3%	46.2±3%	49.7±3%	46.6±3%
Short Circuit Current (Isc)	11.31±3%	9.15±3%	11.46±3%	9.27±3%	11.6±3%	9.38±3%	11.72±3%	9.48±3%
Module Efficiency(%)	19.78		20.24		20.7		21.16	

THERMAL CHARACTERISTICS & OPERATING CONDITIONS

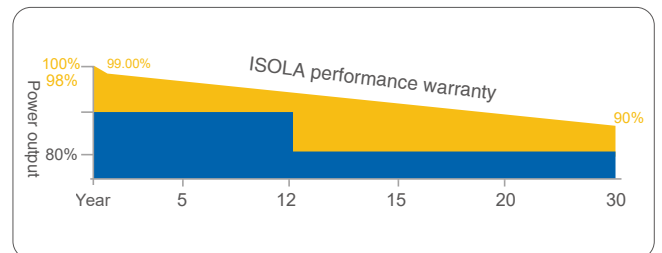
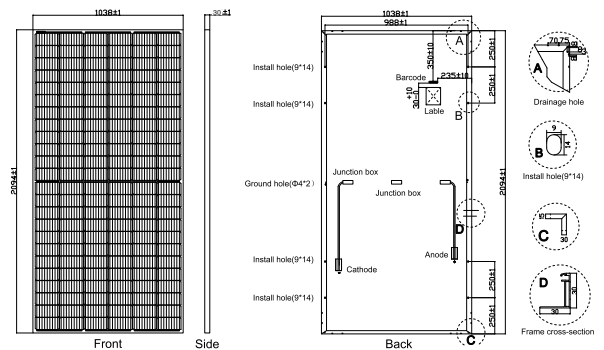
Maximum System Voltage(V)	1500V
Maximum Series Fuse Rating(A)	20A
Power Tolerance	0~+3W
Pmax Temperature Coefficients(W/°C)	-0.350%
Voc Temperature Coefficients(V/°C)	-0.270%
Isc Temperature Coefficients(A/°C)	+0.048%
NOCT Nominal Operating Cell Temperature(°C)	45±2°C
Operating and Storage Temperature(°C)	-40°C~+85°C

CONSTRUCTION MATERIALS

Front Cover (Material / Thickness)	low-iron tempered glass / 3.2mm
Cell (Quantity/Type/Dimensions)	166*83 Mono
No. of Cells	144 (6*12)*2
Frame (Material)	Anodized Aluminium Alloy
Junction Box (Protection Degree)	IP67/IP68
Cable (Length/Cross-Sectional Area)	4mm ² cable 30cm+mc4
Weight	22.00kg

PACKAGING SPECIFICATIONS

- 20FT container 5Packages/330PCS
- 40HQ container 22Packages/836PCS



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