



ELECTRICAL DATA(STC)					
Model Type	YH420W-36M	YH430W-36M	YH435W-36M	YH440W-36M	YH450W-36M
Peak Power(Pmax)	420	430	435	440	450
Maximum Power Voltage(Vmp)	40.3	40.7	40.88	41.1	41.5
Maximum Power Current(Imp)	10.42	10.57	10.64	10.71	10.85
Open Circuit Voltage(Voc)	48	48.5	48.71	48.9	49.3
Short Circuit Current(Isc)	11.12	11.31	11.38	11.46	11.6
Module Efficiency(%)	19.32	19.78	20.01	20.24	20.7

* STC: irradiance 1000 W/m², AM 1.5, G and cell temperature of 25°C

ELECTRICAL DATA(NOCT)					
Peak Power(Pmax)	314	321	325	329	336
Maximum Power Voltage(Vmp)	37.52	37.9	38.06	38.3	38.6
Maximum Power Current(Imp)	8.37	8.47	8.54	8.6	8.7
Open Circuit Voltage(Voc)	44.96	45.5	45.7	45.8	46.2
Short Circuit Current(Isc)	8.99	9.15	9.22	9.27	9.38

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

TEMPERATURE & MAXIMUM RATING	
Maximum System Voltage(V)	1500
Maximum Series Fuse Rating(A)	20
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 ~ +85

MECHANICAL CHARACTERISTICS	
Cell Type	166x 83 Mono
No. of Cells	144 (6x12)*2
Dimensions	2094x1038x35
Weight	24kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP68 3 diodes
Output cables	4mm ² cable 30cm+mc4
Max Wind Load/Snow Load	2400Pa/5400Pa

PACKING WAY	
20FT	10 Packages/285 PCS
40HQ	22 Packages/682 PCS

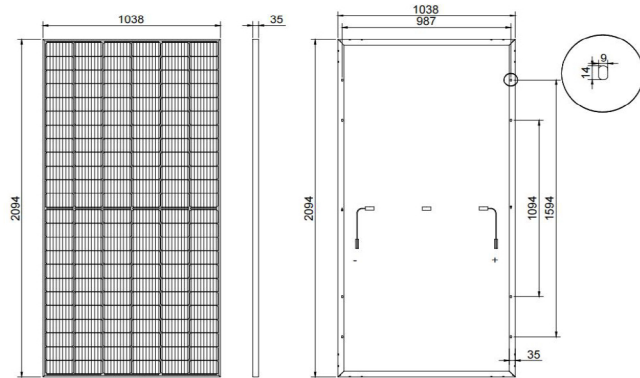
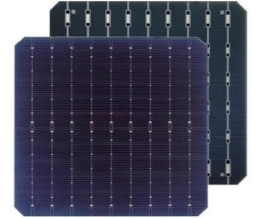
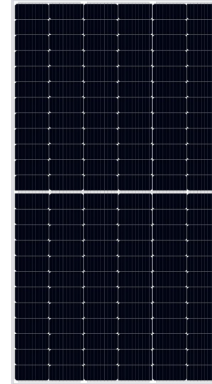
QUALIFICATIONS AND CERTIFICATES



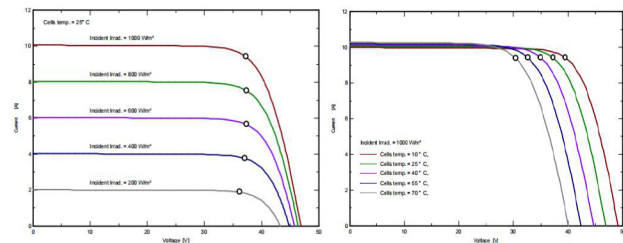
12 YEARS Guarantee on product material and workmanship

25 YEARS Linear Power output warranty

PV DRAWINGS



IV CURVE



WARRANTY

