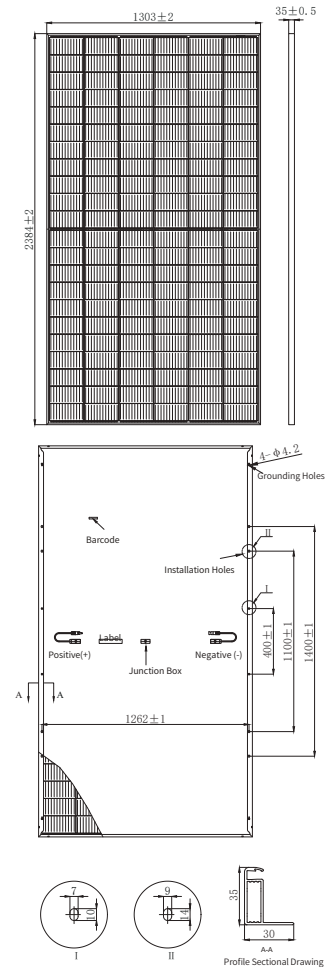


Electrical Data (STC)

Maximum Power (Pmax/W)	650	655	660	665	670
Open Circuit Voltage (Voc/V)	45.29	45.49	45.69	45.89	46.09
Short Circuit Current (Isc/A)	18.43	18.49	18.52	18.58	18.63
Voltage at Maximum Power (Vmp/V)	37.39	37.59	37.79	37.99	38.19
Current at Maximum Power (Imp/A)	17.39	17.43	17.47	17.51	17.55
Module Efficiency (%)	20.92	21.09	21.25	21.41	21.57
Operating Temperature	-40° C~+85° C				
Maximum System Voltage	1000/1500V				
STC (Standard Testing Conditions): Irradiance 1000W/m ² , Cell Temperature 25°C, AM1.5					

Module Dimensions (mm)



Electrical Data (NMOT)

Maximum Power (Pmax/W)	492	496	500	504	508
Open Circuit Voltage (Voc/V)	42.59	42.79	42.99	43.19	43.39
Short Circuit Current (Isc/A)	14.84	14.88	14.93	14.98	15.03
Voltage at Maximum Power (Vmp/V)	34.89	35.09	35.29	35.49	35.69
Current at Maximum Power (Imp/A)	14.11	14.14	14.17	14.21	14.24
NMOT (Nominal Module Operating Temperature): Irradiance 800W/m ² , Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s.					

Bifacial Power Generation Parameters (Backside Gains)

5%	Maximum Power (Pmax/W)	683	688	693	698	704
	Module Efficiency (%)	21.97	22.14	22.31	22.48	22.65
15%	Maximum Power (Pmax/W)	748	753	759	765	771
	Module Efficiency (%)	24.06	24.25	24.43	24.62	24.80
25%	Maximum Power (Pmax/W)	813	819	825	831	838
	Module Efficiency (%)	26.16	26.36	26.56	26.76	26.96

Mechanical Data

Cell Type	210×105mm Mono
Cell Orientation	132(6×22)
Module Dimensions Weight	2384×1303×35mm
Glass	39.0kg
Backsheet	2.0mm high transmittance, reinforced glass
Frame Material	2.0mm part of the structure is grid-like white ceramic glass
Junction Box	Anodized aluminum alloy
Cable	Protection class IP68
Connector	4.0 mm ² positive pole: 300mm negative pole: 400 mm wire length can be customized MC4 compatible connector

Temperature Coefficients

Temperature Coefficient (Pm)	-0.340%/°C
Temperature Coefficient (Voc)	-0.250%/°C
Temperature Coefficient (Isc)	0.040%/°C
NMOT (Nominal Module Operating Temperature)	41 ± 3°C

Packaging

Transportation methods	Number of modules per cabinet	Number of modules per pallet
40HQ container	527 pcs	31 pcs

I-V Curve

