

**ELECTRICAL DATA(STC)**

Model Type	YH595W-30M
Peak Power(Pmax)	595
Maximum Power Voltage(Vmp)	34.71
Maximum Power Current(Imp)	17.29
Open Circuit Voltage(Voc)	41.59
Short Circuit Current(Isc)	18.41
Module Efficiency(%)	21.02
* STC: irradiance 1000 W/m <sup>2</sup> , AM 1.5, G and cell temperature of 25°C	

**TEMPERATURE & MAXIMUM RATING**

Maximum System Voltage(V)	1500
Maximum Series Fuse Rating(A)	25
Power Tolerance	0 ~ +3 %
Pmax Temperature Coefficients(W/°C)	-0.350 %
Voc Temperature Coefficients(V/°C)	-0.250 %
Isc Temperature Coefficients(A/°C)	+0.04 %
NOCT Nominal Operating Cell Temperature(°C)	45±2
Operating and Storage Temperature(°C)	-40 ~ +85

**MECHANICAL CHARACTERISTICS**

Cell Type	210*105 Mono
No. of Cells	120 (6x10)*2
Dimensions	2172*1303*35
Weight	31.5kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP68 3 diodes
Output cables	4mm <sup>2</sup> cable 30cm+mc4
Max Wind Load/Snow Load	2400Pa/5400Pa

**PACKING WAY**

20FT	10 Packages/260PCS
40HQ	20 Packages/620PCS

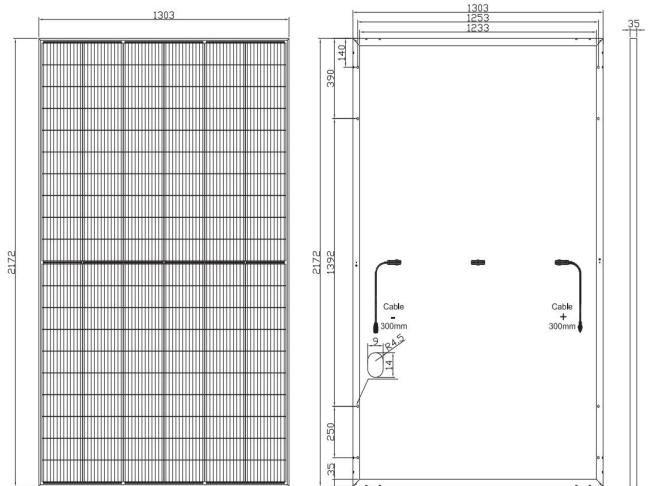
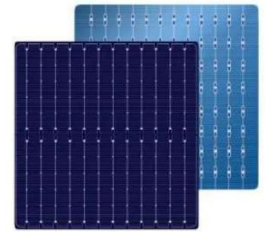
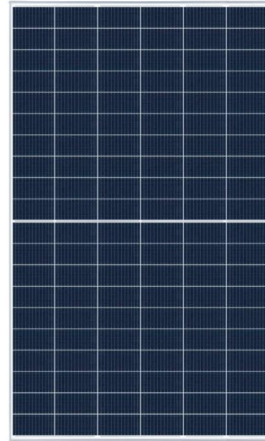
**QUALIFICATIONS AND CERTIFICATIONS**



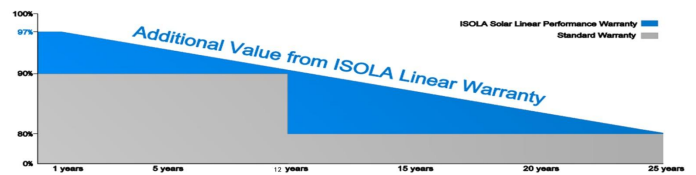
**12 YEARS** Guarantee on product material and

**25 YEARS** Linear Power output warranty

**PV DRAWINGS**



**WARRANTY**



Please Scan Code

STC ☀ Irradiance 1000W/m<sup>2</sup> 🌡 Cell Temperature 25 C 🌤 AM=1.5  
 NOCT ☀ Irradiance 800W/m<sup>2</sup> 🌡 Ambient Temperature 20 C 🌤 AM=1.5