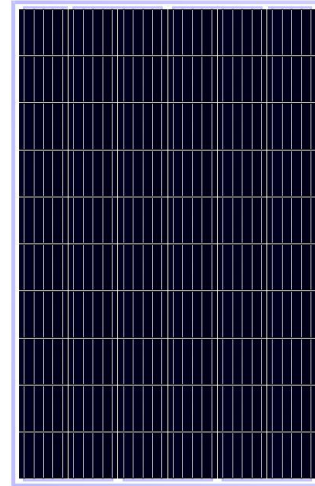
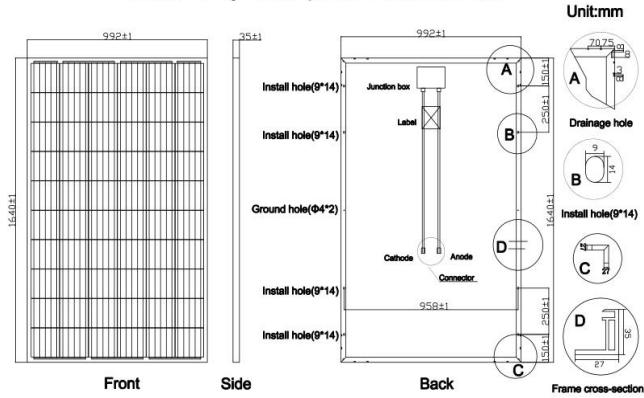


### 285W Poly solar panel (1640\*992\*35)



### Specifications

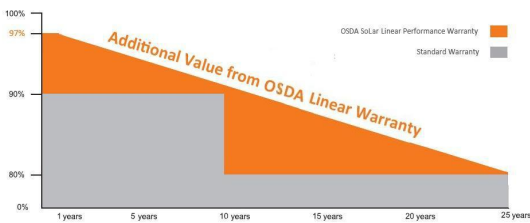
* STC: irradiance 1000 W/m <sup>2</sup> , AM 1.5, and cell temperature of 25°C	
Peak Power(Pmax)	285.00
Maximum Power Voltage(Vmp)	32.03
Maximum Power Current(Imp)	8.90
Open Circuit Voltage(Voc)	38.45
Short Circuit Current(Isc)	9.56
Cells Efficiency( % )	19.33
Module Efficiency( % )	17.51

\* NOCT: irradiance 800 W/m<sup>2</sup>, AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

Peak Power(Pmax)	212.00
Maximum Power Voltage(Vmp)	29.46
Maximum Power Current(Imp)	7.20
Open Circuit Voltage(Voc)	35.36
Short Circuit Current(Isc)	7.78

Maximum System Voltage(V)	1000/1500
Maximum Series Fuse Rating(A)	20
Power Tolerance	0 ~ +3 %
Pmax Temperature Coefficients(W/°C)	-0.400 %
Voc Temperature Coefficients(V/°C)	-0.300 %
Isc Temperature Coefficients(A/°C)	+0.060 %
NOCT Nominal Operating Cell Temperature(°C)	47±2
Operating and Storage Temperature(°C)	-40 ~ +85

### Warranty



**12**  
YEARS

Guarantee on product material and workmanship

**30**  
YEARS

Linear Power output warranty



### Mechanical characteristics

Cell Type	156.75x156.75 Poly
No. of Cells	60(6x10)
Dimensions	1640x992x35
Weight	18.4kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP65/IP67
Output cables	4mm <sup>2</sup> cable 90cm+mc4
MaxWind Load/Snow	2400Pa/5400Pa

### Packing list

20FT container	14 Packages/ 398pcs
40HQ container	28 Packages/924PCS

### Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

### IV Cure

