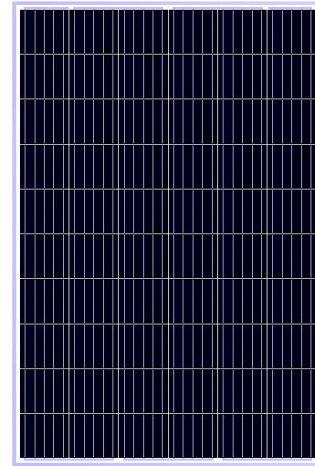
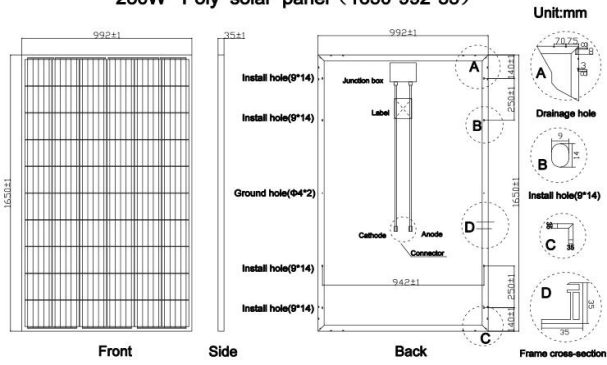


## 280W Poly solar panel (1650\*992\*35)



### Specifications

\* STC: irradiance 1000 W/m<sup>2</sup>, AM 1.5, and cell temperature of 25°C

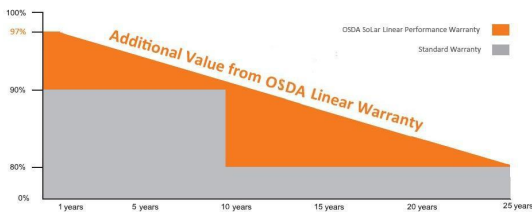
Peak Power(Pmax)	280.00
Maximum Power Voltage(Vmp)	31.94
Maximum Power Current(Imp)	8.77
Open Circuit Voltage(Voc)	38.33
Short Circuit Current(Isc)	9.41
Cells Efficiency(%)	18.99
Module Efficiency(%)	17.21

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

Peak Power(Pmax)	208.00
Maximum Power Voltage(Vmp)	29.39
Maximum Power Current(Imp)	7.08
Open Circuit Voltage(Voc)	35.26
Short Circuit Current(Isc)	7.64

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)	45±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	1650x992x35
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/400pcs
40HQ container	28 Packages/924PCS

### Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

### IV Cure

