

### Specifications

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

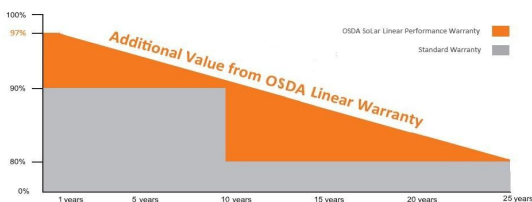
Peak Power(Pmax)	440.00
Maximum Power Voltage(Vmp)	41.00
Maximum Power Current(Imp)	10.74
Open Circuit Voltage(Voc)	49.60
Short Circuit Current(Isc)	11.33
Cells Efficiency(%)	22.30
Module Efficiency(%)	20.12

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

Peak Power(Pmax)	326.00
Maximum Power Voltage(Vmp)	37.90
Maximum Power Current(Imp)	8.61
Open Circuit Voltage(Voc)	46.30
Short Circuit Current(Isc)	9.13

Maximum System Voltage(V)	1500
Maximum Series Fuse Rating(A)	20
Power Tolerance	0 ~ +3 %
Pmax Temperature Coefficients(W/°C)	-0.370 %
Voc Temperature Coefficients(V/°C)	-0.286 %
Isc Temperature Coefficients(A/°C)	+0.057 %
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	166x83 Mono
No. of Cells	144(12x12)
Dimensions	2095*1039*35
Weight	23.50kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP67/IP68 3 diodes
Output cables	4mm <sup>2</sup> cable 90cm+mc4
MaxWind Load/Snow	2400Pa/5400Pa

### Packing list

20FT container	5 Packages/155PCS
40HQ container	22 Packages/726PCS

### Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

### IV Cure

