

Specifications

* STC: irradiance 1000 W/m², AM 1.5, and cell temperature of 25°C

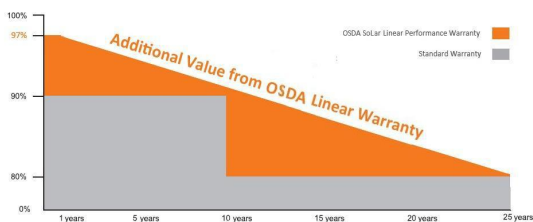
Peak Power(Pmax)	545.00
Maximum Power Voltage(Vmp)	41.93
Maximum Power Current(Imp)	13.00
Open Circuit Voltage(Voc)	49.90±3%
Short Circuit Current(Isc)	13.92±3%
Cells Efficiency(%)	22.85%
Module Efficiency(%)	21.09%

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

Peak Power(Pmax)	405.10
Maximum Power Voltage(Vmp)	38.93
Maximum Power Current(Imp)	10.41
Open Circuit Voltage(Voc)	46.73±3%
Short Circuit Current(Isc)	11.13±3%

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)	-0.285 %
Isc Temperature Coefficients(A/°C)	+0.045 %
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	182x91 Mono
No. of Cells	144(12x12)
Dimensions	2279*1134*35
Weight	28.4kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP68 3 diodes
Output cables	4mm ² cable 55cm+mc4
MaxWind Load/Snow	2400Pa/5400Pa

Packing list

20FT container	5 Packages/155pcs
40HQ container	20Packages/620PCS

Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

IV Cure

