

150 Watt

FLEX150

30 Cell Monocrystalline Module



Ultra-light: Glass free module weighs 2.6 kg, 70% lighter than conventional glass modules.



Aesthetic: Seamless integration with underlying installation surface.



Durable: FLEX150 is the first glassless module to pass the same durability tests as conventional glass modules, including IEC61215:2016, IEC61730:2016 and UL1703(USA). FLEX150 has also passed PID, salt mist and ammonia corrosion tests.

POWER OUTPUT RANGE 150 W

POWER TOLERANCE 0-5 W

LINEAR PERFORMANCE WARRANTY

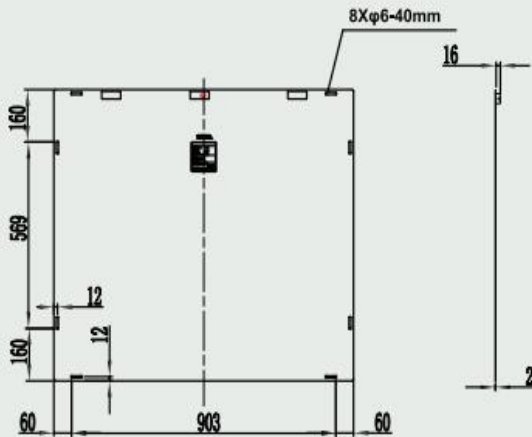
12 Year Product Warranty

25 Year Linear Power Warranty

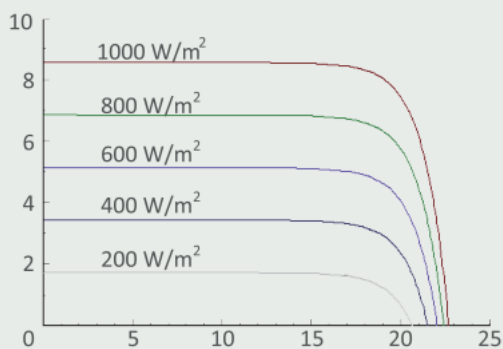
CAUTION: Read installation manual before using the product.
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DIMENSIONS



I-V CURVE(150)



TEMPERATURE CHARACTERISTICS

Nominal Module Operating Temperature(NMOT)	$41 \pm 2C$
Temperature Coefficient of P _{ma}	-0.38 %/C
Temperature Coefficient of V _o	-0.28 %/C
Temperature Coefficient of I _s	0.020 %/C



ELECTRICAL CHARACTERISTICS

STC	FLEX150
Maximum Power (P _m)	150
Maximum Power Voltage (V _m)	18.7
Maximum Power Current(I _m)	8.14
Open-circuit Voltage(V _o)	22.7
Short-circuit Current(I _s)	8.54
Module Efficiency(%)	17.6
Operating Temperature	40 to 85
Maximum System Voltage	1000VDC(IEC)
Maximum Series Fuse Rating	20A
Application Class	Class A
Power Tolerance	0/+5W

STC:Irradiance 1000W/m², Cell temperature 25C, AM=1.5.

Tolerances of P_m, V_o and I_s are within ±5%

NMOT	FLEX150
Maximum Power(P _{ma})	122.7
Maximum Power Voltage(V _m)	18.9
Maximum Power Current(I _m)	6.49
Open-circuit Voltage(V _o)	22.8
Short-circuit Current(I _s)	6.81

NMOT:Irradiance 800W/m², Ambient temperature 20C, AM=1.5, Wind speed 1m/s.

MECHANICAL CHARACTERISTICS

Solar Cell	Monocrystalline silicon (158.75mm)
No. of Cells	30 (6 × 5)
Module Dimensions	1023 × 889 × 2 mm
Weight	2.6kg
Backsheet	Black
Frame	Frameless
J-box	IP 68 rated
Output Cables	Photovoltaic technology cable 4mm ² , (+)450 mm / (-)450 mm
Connector	MC4 compatible

PACKAGING CONFIGURATION

	20'GP	40'HC
Module per pallet	66+86	66+86
Pieces per container	1216	2736