

Enjoy ISO FOTON's competitive advantages

- More than 30 years manufacturing cells and solar modules
- International experience in project development: More than 300 EPC projects around the world
- After sales service
- Cutting edge technology and certified quality
- Commitment to sustainable development

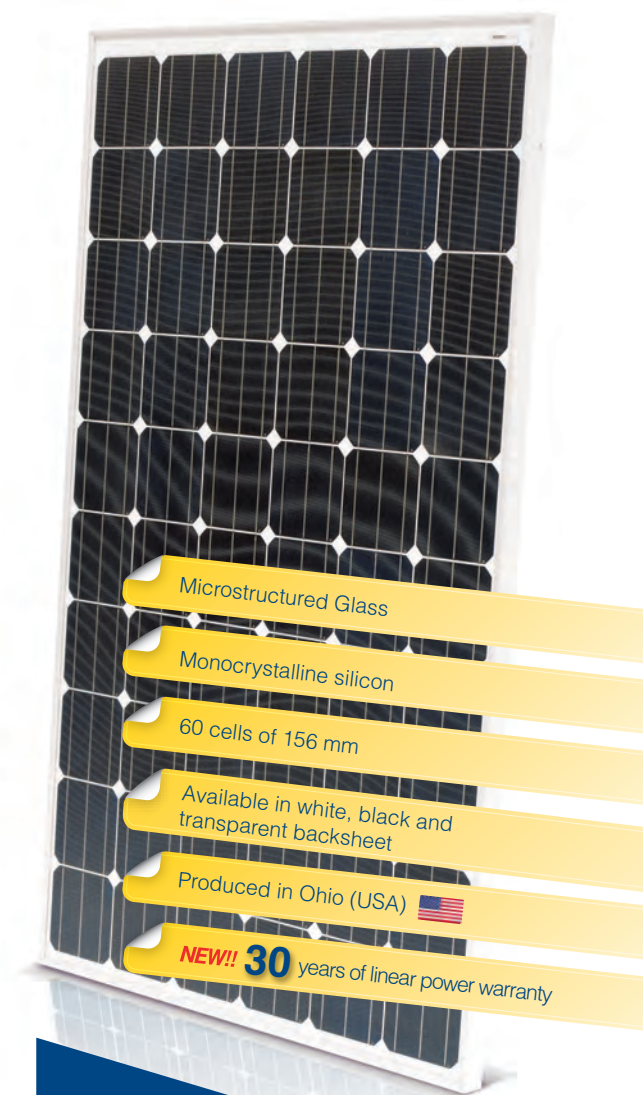
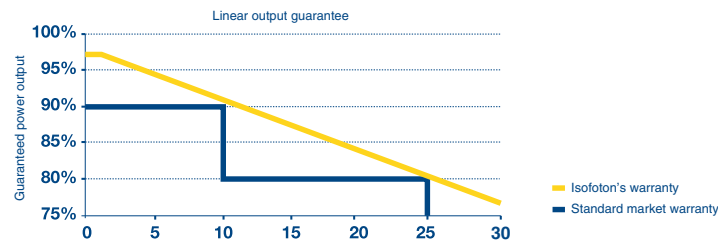
Enjoy ISF modules' competitive advantages

- Microstructured glass with greater capacity to absorb diffuse light, improving energy yield
- Junction box designed to minimize electricity loss
- Ultralight module

ISO FOTON's warranty

NEW!! 30 years of linear power warranty, 25 % better than the standard market warranty

10 years of product warranty



Module certifications



Company certifications



On-going



MONOCRYSTALLINE MODULE ISF-255

ELECTRICAL CHARACTERISTICS

Performance at STC: Irradiance, 1.000 W/m²; cell temperature, 25° C; AM, 1.5

	ISF - 245	ISF - 250	ISF - 255	ISF - 260
Rated Power (Pmax)	245 W	250 W	255 W	260 W
Open Circuit Voltage (Voc)	37,6 V	37,8 V	37,9 V	38,1 V
Short-circuit Current (Isc)	8,63 A	8,75 A	8,86 A	8,98 A
Maximum power point Voltage (Vmax)	30,5 V	30,6 V	30,9 V	31,1 V
Maximum power point Current (Imax)	8,04 A	8,17 A	8,27 A	8,36 A
Efficiency	14,8 %	15,1 %	15,4 %	15,7 %
Power tolerance (% Pmax)	0/+3 %	0/+3 %	0/+3 %	0/+3 %

Performance at Irradiance 800 W/m², NOCT, ambient temperature 20° C, AM 1.5; wind speed 1 m/s

	ISF - 245	ISF - 250	ISF - 255	ISF - 260
Maximum Power (Pmax)	178 W	181 W	185 W	190 W
Open Circuit Voltage (Voc)	34,8 V	35,0 V	35,1 V	35,2 V
Short-circuit Current (Isc)	6,96 A	7,06 A	7,15 A	7,25 A
Maximum power point Voltage (Vmax)	27,4 V	27,5 V	27,7 V	28,1 V
Maximum power point Current (Imax)	6,49 A	6,59 A	6,67 A	6,75 A

Efficiency reduction from 1.000 W/m² to 200 W/m² according to standard IEC 60904-1 5% (+/-3%)

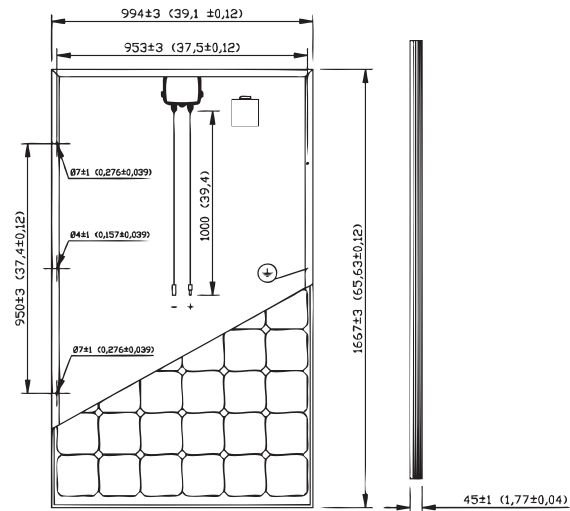
OPERATIONAL CHARACTERISTICS

Maximum System Voltage	600 V (UL) / 1000 V (IEC)
Series Fuse Rating	20 A
Nominal Operating Cell Temperature (NOCT)	45 +/-2°C (113 +/-3.5 F)
Operating Temperature	-40 to +85°C (-40 to 185 F)
Temperature Coefficient of Pmax	-0,44%/K
Temperature Coefficient of Voc	-0,334%/K
Temperature Coefficient of Isc	0,048%/K

MECHANICAL CHARACTERISTICS

Solar Cell	Monocrystalline Silicon - 156 mm x 156 mm (6 inches)
Number of cells	60 cells (6x10)
Dimensions	1667 x 994 x 45 mm (65.63 x 39.13 x 1.77 in)
Weight	19 kg (41.89 pounds)
Glass	High transmittance, patterned, tempered, 3,2 mm (EN-12150)
Frame	Anodized aluminium, grounding drills
Maximum mechanical load	5400 Pa (112.78 psf) (snow load)
Junction Box	IP 65 with 3 bypass diodes
Cables, plug	Solar cable 1 m (39.37 in), 4 mm ² (12 AWG). MC4 or LC4

DIMENSIONS



PACKAGING

Modules per pallet
24

Packaging size (pallet+carton)

1720 x 1140 x 1155 mm
(5.64 x 3.74 x 3.79 feet)

Recyclable materials

