




More than 30 years of reliable experience

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

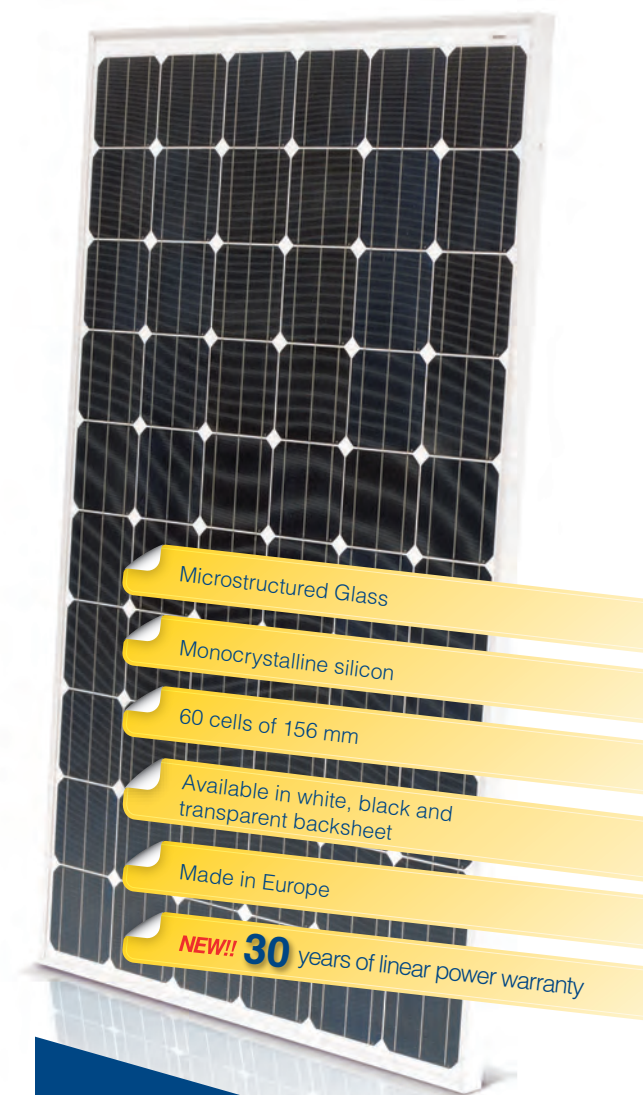
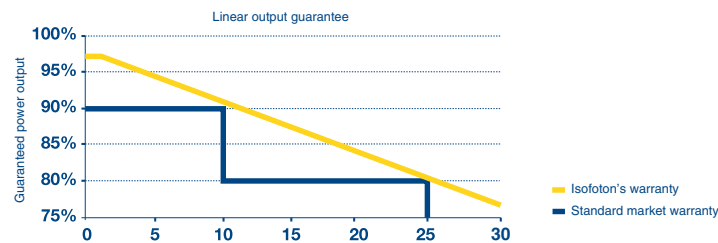
Enjoy ISF modules' competitive advantages

-  Microstructured glass with greater capacity to absorb diffuse light, improving energy yield
-  Junction box designed to minimize electricity loss
-  The lightest module in its category, thus easy to handle

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



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
Rated Power (Pmax)	245 W	250 W	255 W
Open Circuit Voltage (Voc)	37,6 V	37,8 V	37,9 V
Short-circuit Current (Isc)	8,63 A	8,75 A	8,86 A
Maximum power point Voltage (Vmax)	30,5 V	30,6 V	30,9 V
Maximum power point Current (Imax)	8,04 A	8,17 A	8,27 A
Efficiency	14,8 %	15,1 %	15,4 %
Power tolerance (% Pmax)	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
Maximum Power (Pmax)	178 W	181 W	185 W
Open Circuit Voltage (Voc)	34,8 V	35,0 V	35,1 V
Short-circuit Current (Isc)	6,96 A	7,06 A	7,15 A
Maximum power point Voltage (Vmax)	27,4 V	27,5 V	27,7 V
Maximum power point Current (Imax)	6,49 A	6,59 A	6,67 A

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

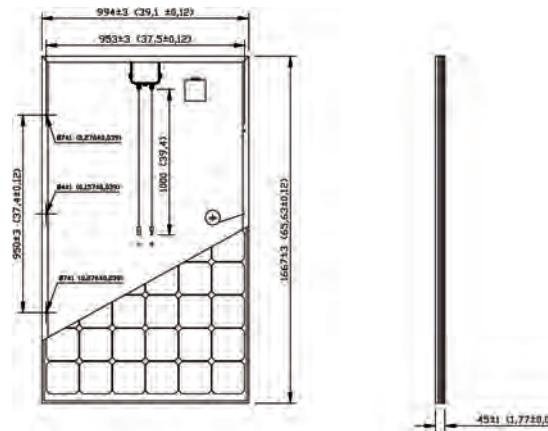
OPERATIONAL CHARACTERISTICS

Maximum System Voltage	1000 V
Series Fuse Rating	20 A
Nominal Operating Cell Temperature (NOCT)	45 +/- 2° C
Operating Temperature	-40 to + 85° C
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
Weight	19 Kg
Glass	High transmittance, patterned, tempered, 3,2 mm (EN-12150)
Frame	Anodized aluminium, grounding drills
Maximum mechanical load	5400 Pa (Snow load)
Junction Box	IP 65 with 3 bypass diodes
Cables, plug	Solar cable 1 m, 4 mm ² . MC4 or LC4

DIMENSIONS



PACKAGING

Modules per pallet
24

Packaging size (pallet+carton)

1720 x 1140 x 1155mm

Recyclable materials

