

PERC Technology

IBEX

HIGH TECHNOLOGY
SOLAR MODULES

IBEX-60-320/325/330M-PERC

IEC61215/IEC61730/IEC61701/IEC62716
ISO 9001: Quality Management System
ISO 14001: Environmental Management System
ISO14064: Greenhouse gases Emissions Verification
OHSAS 18001: Occupation Health and Safety
Management System



IBEX High Efficiency Monocrystalline Solar Module with PERC technology

Positive power tolerance (0+5W) guaranteed

High module conversion efficiency (up 19.98%)
benefit from Passivated Emmitter Rear Contact
(PERC) technology

Lower operation temperature.
Less hot spot heating risk, make the module more
reliable

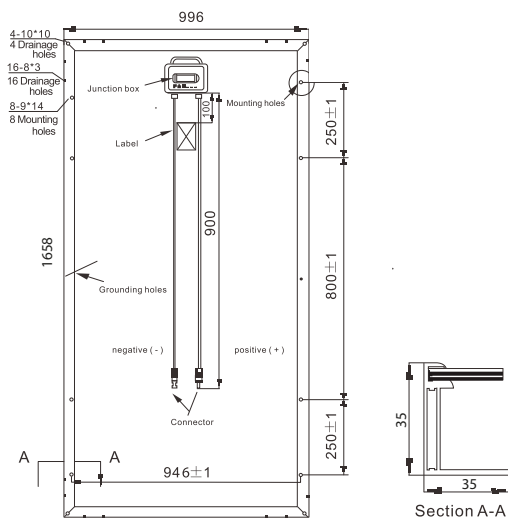
Aesthetic desind. Uniformity apparence, aesthetic
desing with black frame option

15 years manufacturer's warranty

25 years linear performance warranty

IBEX-60-320/325/330M-PERC

Design (mm)



Solar Cells:	Monocrystalline
Cell Orientation:	60 cells (6 × 12)
Junction Box:	IP67/IP68 rated (3 by pass diodes)
Output Cable:	4.0mm ² , symmetrical length (-)900mm (+)900mm
Connectors:	MC4 compatible
Glass:	3.2mm tempered glass
Frame:	35mm anodized aluminium alloy
Weight:	19.5 kgs
Dimension:	1658x996x35mm
Mechanical load test:	5400Pa

Electrical Characteristics

Model Number	IBEX-60-320M-PERC	IBEX-60-325M-PERC	IBEX-60-330M-PERC
Rated Maximum Power (P _{max})	320W	325W	330W
Tolerance	0/+5W	0/+5W	0/+5W
Voltage at P _{max} (V _{mp})	33.13 V	33.40 V	33.67 V
Current at P _{max} (I _{mp})	9.66 A	9.73 A	9.80 A
Open Circuit Voltage (V _{oc})	40.43 V	40.74 V	41.05 V
Short Circuit Current (I _{sc})	10.19 A	10.26 A	10.33 A
Module Efficiency (%)	19.38	19.68	19.98
Application Class	Class A	Class A	Class A
STC AM=1.5, E=1000W/m ² T _c =25 °C			

WARNING-ELECTRICAL HAZARD

This module produces electricity when exposed to light.
Follow all applicable electrical safety precautions.

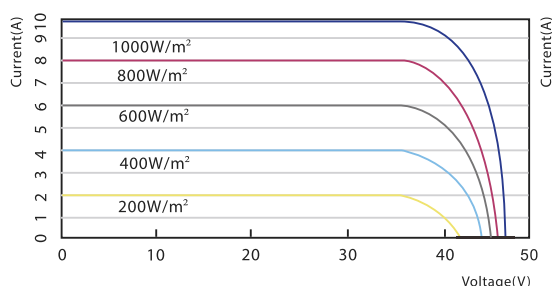
Temperature Ratings (STC)

Temperature Coefficient of I _{sc}	0.05%/°C
Temperature Coefficient of V _{oc}	-0.29%/°C
Temperature Coefficient of P _{max}	-0.36%/°C

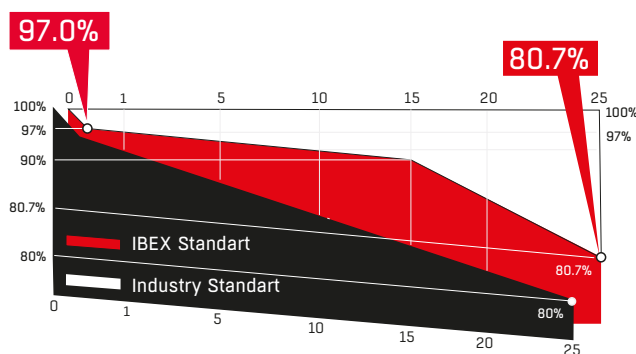
Maximum Ratings

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V (IEC)
Max Series Fuse Rating	20A

I-V Curve



Linear Performance Warranty



swiss solar

ENGINEERED IN SWITZERLAND

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