

EFFICIENCY THAT'S A BIG HIT

## Sanyo HIT-H245E01, HIT-H250E01

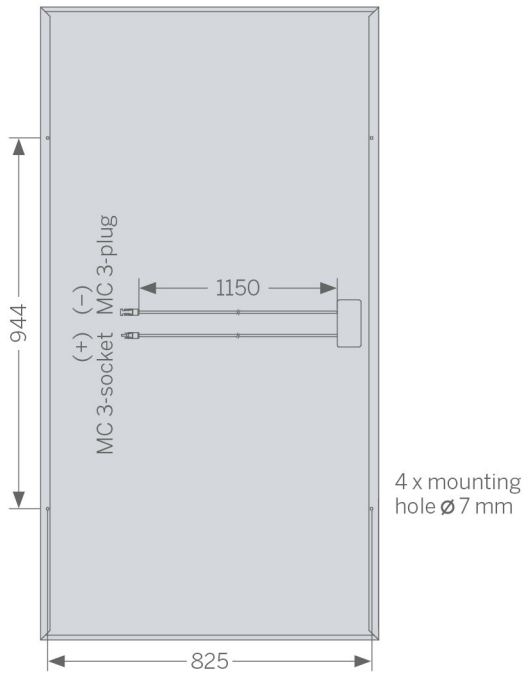
### HYBRID SOLAR MODULES

They stand out for one of the best efficiency levels in the world: Sanyo hybrid modules with the unique honeycomb structure use the innovative HIT solar cells. The HIT cell structure ensures optimum output even when module temperatures are high during the summer. The appearance is also high quality. The color of the frame is coordinated with the cells, ensuring a stylish appearance.

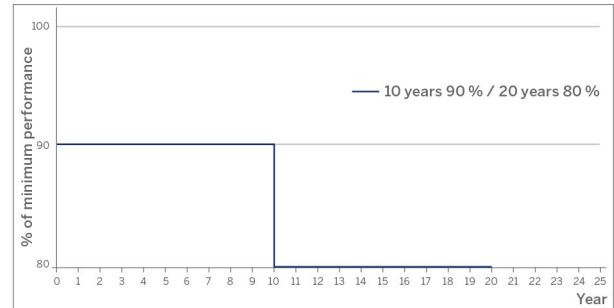
#### HIGHLIGHTS

- Suitable for grid-connected systems
- Tested according IEC 61215 for snow loads up to 2400 Pa (ca. 245 kg/m<sup>2</sup>)
- Power tolerance -5/+10%
- Power warranties\*
  - 10 years (90%)
  - 25 years (80%)
- 10-year product warranty\*
- IEC 61730, Application Class A for system voltages up to 1,000 V
- ISO 9001 and 14001
- 100% end control with individual registration of the electrical characteristics
- Quality tested by IBC SOLAR in own laboratory with climate chambers and flasher with integrated electroluminescence measurement

Dimensioned drawing HIT-H245E01, HIT-H250E01



Progression of the power warranty



## TECHNICAL DATA

Sanyo HIT-	H245E01	H250E01
STC Power Pmax (Wp)	245	250
STC Nominal Voltage Umpp (V)	34,4	34,9
STC Nominal Current Impp (A)	7,14	7,18
STC Open circuit voltage Uoc (V)	42,7	43,1
STC Short circuit current Isc (A)	7,73	7,74
800 W/m <sup>2</sup> NOCT AM1.5 Power Pmax (Wp)	185,4	188,9
800 W/m <sup>2</sup> NOCT AM1.5 Nominal Voltage Umpp (V)	32,4	32,8
800 W/m <sup>2</sup> NOCT AM1.5 Open Circuit Voltage Uoc (V)	40,1	40,5
800 W/m <sup>2</sup> NOCT AM1.5 Short Circuit Current Isc (A)	6,23	6,23
Rel. efficiency reduction @ 200W/m <sup>2</sup> (%)	3	3
Tempcoeff Isc (%/°C)	+0,03	+0,03
Tempcoeff Uoc (mV/°C)	-107	-108
Tempcoeff Pmpp (%/°C)	-0,3	-0,3
Module Efficiency (%)	17,7	18,0
NOCT °C	46	46
Max. System Voltage (V)	1000	1000
Current value String fuse (A)	15	15
Fuse protection from parallel strings	2	2
Length (mm)	1610	1610
Width (mm)	861	861
Height (mm)	35	35
Weight (kg)	16,5	16,5
Articlenumber	2600700023	2600700025

Your IBC SOLAR partner:

05.07.2011

\* Product and power warranty in accordance with the version of the full warranty conditions received from your specialized IBC SOLAR partner at the time of installation. This warranty is valid only when the relevant product is installed in accordance with the applicable installation instructions. Subject to modifications that represent progress.