

High Performance Multi-crystalline Solar Module

SANYO

MP6-230E01

The module has a high conversion efficiency in mass production.

Model	Module Efficiency	Output / m ²
MP6-230E01	14.1%	141 W/m ²

Features

- High performance, multi-crystalline solar cells deliver a module efficiency of **14.1%**.
- The panels use lead-free solder and adjusted by **RoHS**.
- Strong framed module passing mechanical load test of **5,400Pa**.



Top quality from SANYO Solar

SANYO is leading the way in research and development as a pioneer in the field of photovoltaic power generation.

More than 30 years of experience in solar technology has earned us a reputation for reliability among our customers.

Warranty

- **25 year** power output warranty
- **5 year** product workmanship warranty

The logo for MP6 solar, featuring the text "MP6" in a large, bold, white font with a red outline, and "solar" in a smaller, white font below it. The background of the logo is a blue grid pattern.

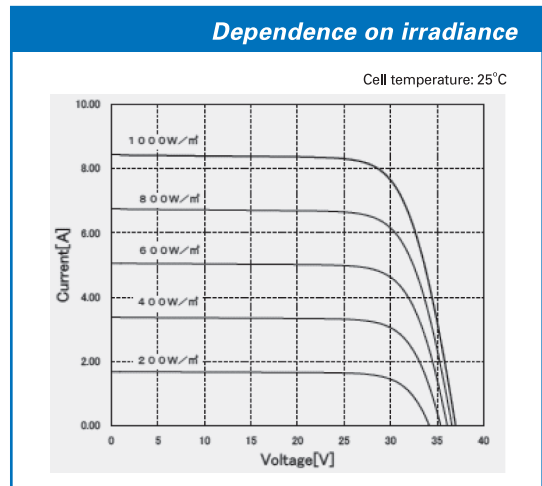
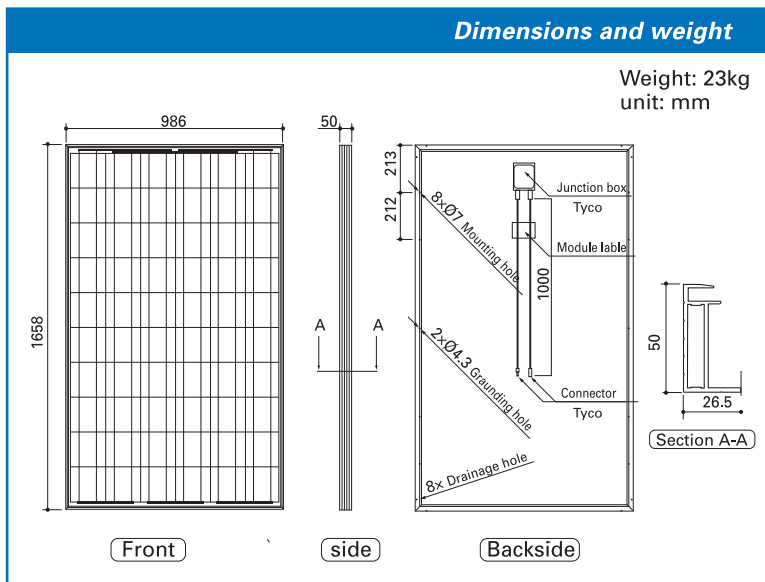
Electrical and Mechanical Characteristics

MP6-230E01

Electrical data		
Maximum power (Pmax)	[W]	230
Max. power voltage (Vmp)	[V]	29.4
Max. power current (Imp)	[A]	7.83
Open circuit voltage (Voc)	[V]	37.0
Short circuit current (Isc)	[A]	8.42
Warranted minimum power (Pmin)	[W]	218.5
Maximum over current rating	[A]	15
Output power tolerance	[%]	+10/-5
Maximum system voltage	[Vdc]	1000
Noct	[°C]	46
Temperature coefficient of Pmax	[%/°C]	-0.44
	Voc [V/°C]	-0.36
	Isc [mA/°C]	0.14

Note 1: Standard Test Conditions: Air mass 1.5, Irradiance = 1000W/m², Cell temperature = 25°C
 Note 2: The values in the above table are nominal

Packing Specifications		
Number of modules per pallet	[pcs]	19
Number of modules per 40ft container	[pcs]	494
Number of modules per 20ft container	[pcs]	228



Warranty

Power output:
 10 years (90% of Pmin)
 25 years (80% of Pmin)

Product workmanship:
 5 years
 (Based on contract terms)

Certificates

IEC 61215
IEC 61730

Photovoltaic Modules

■ Design qualification and type approval
 ■ Requirements for construction and testing

Electrical Protection Class II

www.jet.or.jp

CAUTION!

Please read the operating instructions carefully before using the products.

Due to our policy of continual improvement the products covered by this brochure may be changed without notice.

Please consult your local dealer for more information.



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Solar Division

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