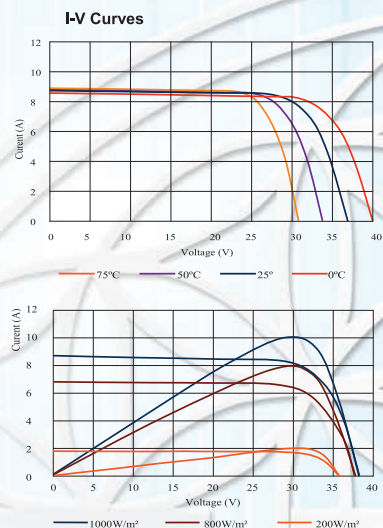
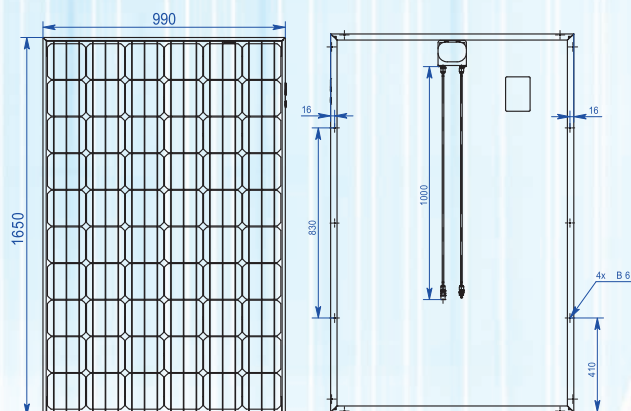


# HS-MB2/270



## Physical Characteristics

Cells per Module	60 Cells (6x10)
Cell Type	Mono-crystalline Silicon
Module Dimension (L x W x H)	1650x990x38 (mm)
Module Weight	18,5Kg
Frame	Anodized Aluminum (Black frame available by customer order)
Front Glass	3.2mm Tempered Glass
Junction Box	IP66 / IP65, 4mm <sup>2</sup>
Cable Length(+/-)	1000mm

## Electrical Characteristics

Item	Unit	HS-MB2/270
Max. Power (Pmax)	W	270
Open circuit voltage (Voc)	V	38,70
Short circuit current (Isc)	A	9,08
Max. Power voltage (Vmp)	V	31,40
Max. Power current (Imp)	A	8,60
Module efficiency	%	16,53
Power tolerance	W	0~+4,99

\*STC (Standard Test Condition): 1000W/m<sup>2</sup>, AM 1.5, 25°C

## Permissible operating conditions

Temperature range	-40 to +85 °C
Maximum system voltage	1,000V DC(IEC), 600V DC(UL)
Maximum surface load cap	5,400Pa
Maximum hailstone impact (diameter / velocity)	25mm / 23m/s

\*NOCT (Nominal Operating Cell Temperature): 800W/m<sup>2</sup>, 20°C, wind speed 1m/s

## Thermal Characteristics

	Rating	Unit	Value
	NOCT	°C	47±2
Temperature coefficient	I <sub>SC</sub>	%/°C	+ 0,04
	V <sub>OC</sub>	%/°C	- 0,32
	P <sub>MAX</sub>	%/°C	- 0,44

## Packing Specifications

Packing box dimension (L x W x H)	1980 x 800 x 1150 (mm)
Number of modules per pallet	20