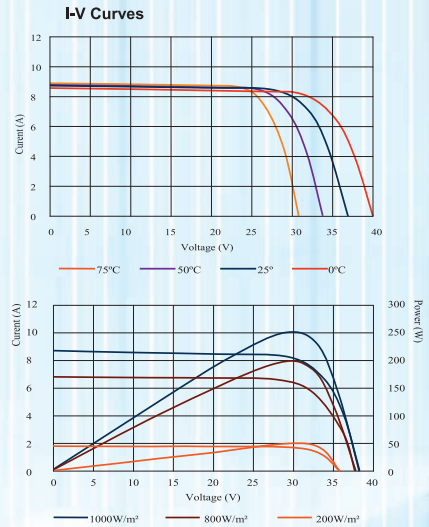
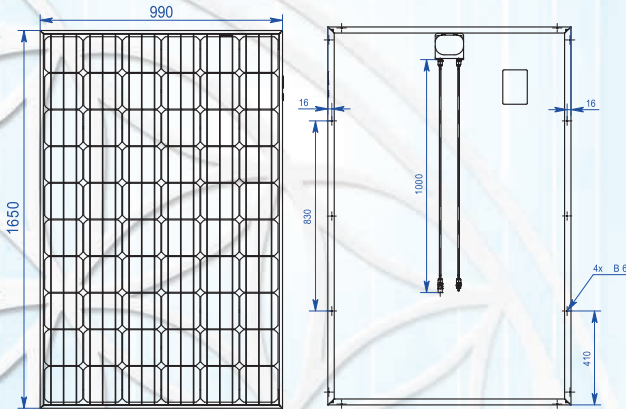


HS-MB2/275



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 ²
Cable Length(+/-)	1000mm

Electrical Characteristics

Item	Unit	HS-MB2/275
Max. Power (Pmax)	W	275
Open circuit voltage (Voc)	V	38,90
Short circuit current (Isc)	A	9,10
Max. Power voltage (Vmp)	V	32,00
Max. Power current (Imp)	A	8,60
Module efficiency	%	16,84
Power tolerance	W	0~+4,99

*STC (Standard Test Condition): 1000W/m², 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/m², 20°C, wind speed 1m/s

Thermal Characteristics

	Rating	Unit	Value
	NOCT	°C	47±2
Temperature coefficient	I _{SC}	%/°C	+ 0,04
	V _{OC}	%/°C	- 0,32
	P _{MAX}	%/°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