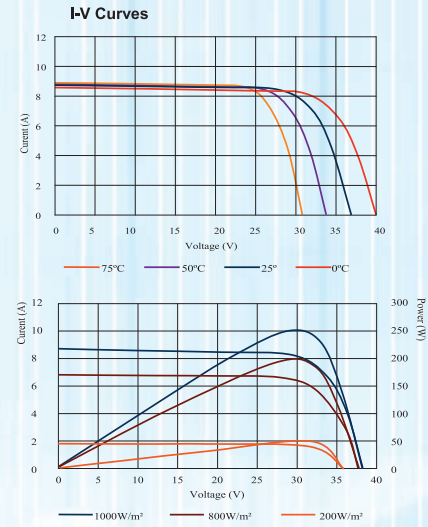
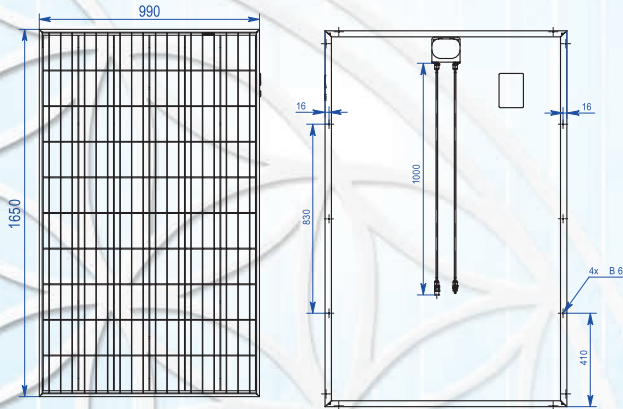


# HS-PB2/240



Physical Characteristics			
Cells per Module	60 Cells (6x10)		
Cell Type	Multi-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-PB2/240	
Max. Power (Pmax)	W	240	
Open circuit voltage (Voc)	V	37,50	
Short circuit current (Isc)	A	8,6	
Max. Power voltage (Vmp)	V	30,2	
Max. Power current (Imp)	A	7,95	
Module efficiency	%	14,69	
Power tolerance	W	0~+4,99	
<b>*STC (Standard Test Condition): 1000W/m<sup>2</sup>, AM 1.5, 25°C</b>			
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		
<b>*NOCT (Nominal Operating Cell Temperature): 800W/m<sup>2</sup>, 20°C, wind speed 1m/s</b>			
Thermal Characteristics			
Rating	Unit	Value	
NOCT	°C	47±2	
Temperature coefficient	I <sub>SC</sub>	%/°C	+ 0,05
	V <sub>OC</sub>	%/°C	- 0,32
	P <sub>MAX</sub>	%/°C	- 0,42
Packing Specifications			
Packing box dimension (L x W x H)	1980 x 800 x 1150 (mm)		
Number of modules per pallet	20		