

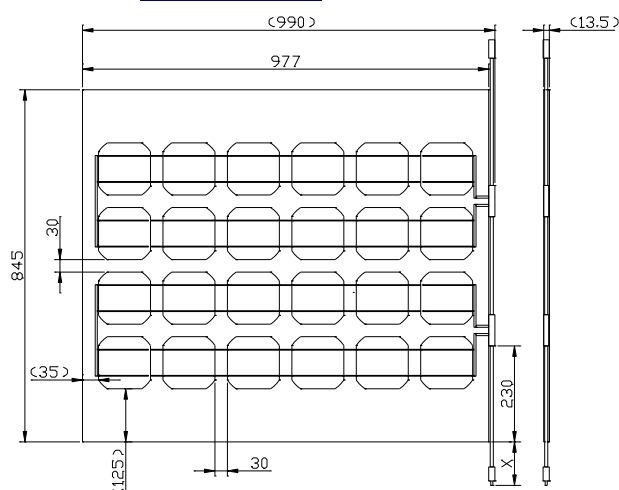
BIPV modules of crystalline silicon

General characteristics	
Glass	Any size up to 1500mm×2000mm Thickness from 3.2mm+3.2mm to 6mm+6mm Other properties of glass can also be used according to customers' demand.
Solar cells	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Monocrystalline 125mm×125mm</p> </div> <div style="text-align: center;"> <p>Monocrystalline 156mm×156mm</p> </div> <div style="text-align: center;"> <p>Polycrystalline 156mm×156mm</p> </div> </div>
Encapsulation	PVB or EAA (any color or special needs)
Connections	Junction box and cables was mounted on the edge of glass or the facade.
Structure	<ol style="list-style-type: none"> 1. Glass+EVA/EAA+Cell+EVA/EAA+TPT(W/B/C) 2. Glass+PVB+Cell+PVB+Glass 3. Glass+PVB+Cell+PVB+Glass+air+Glass 4. Glass+PVB+Cell+PVB+Glass+air+Glass+PVB+Glass
Installation hole	Can be fixed according to customers' demand
Transparency	10%-70%
Mechanical load	Meet the standard of building.
Type:	
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Single glass BIPV</p> </div> <div style="text-align: center;"> <p>Laminated glass BIPV</p> </div> </div> <hr/> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Insulating glass-1 BIPV</p> </div> <div style="text-align: center;"> <p>Insulating glass-2 BIPV</p> </div> </div>	

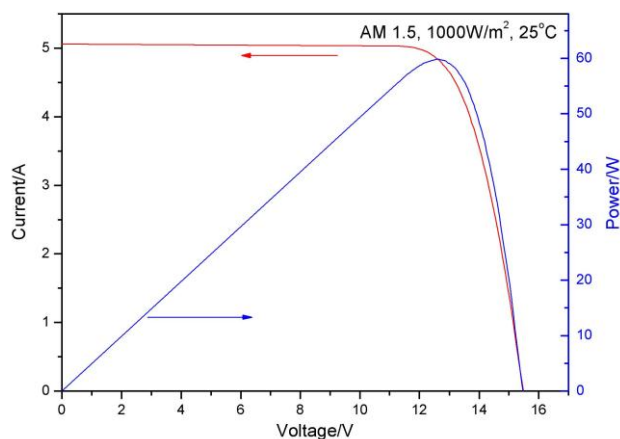
Specifications of SST 060-24M-BIPV solar module

Type	SST060-24M-BIPV	
Electrical Characteristics		
P _{mpp} [Wp]	60	
V _{oc} [V]	15.2	
I _{sc} [A]	5.07	
V _{mpp} [V]	12.5	
I _{mpp} [A]	4.84	
Voltage temperature coefficients	-0.307%/K	
Current temperature coefficients	+0.039%/K	
Power temperature coefficients	-0.423%/K	
Series fuse rating[A]	10	
Mechanical Characteristics		
Cells	4x6 pieces Monocrystalline solar cells series strings (125mmx125mm)	
Junction box	Two J-box mounting on the edge of module, with 1 bypass diodes in each J-box	
Cable	length L mm(according to architect), 1x4 mm ²	
Connector	Like MC3	
Glass	White toughened safety glass, 6mm	
Cell encapsulation	PVB	
Frame	Free frame	
Dimensions	845mm × 990mm × 13.5mm	845mm × 1030mm × 13.5mm
Transparency	55%	58%
Temperature range	- 40 °C to + 85 °C	
Application		
BIPV: rooftop、curtain、carport、shade board、skylight、photovoltaic array.		
Advantage		
1. Combination of laminated glass module and building, replace the common material of building.		
2. Structure with 6mm glass+PVB+cell+PVB+6mm glass, security and firm in building.		
3. Different transparency can be adjusted according to customer demand.		
4. J-BOX mounted on the edge of module, more beautiful after combination with building.		

Dimensions



I-V curves



Notes: it is only an example; other specification can also be produced according to customer or architects' requirements.