

Key product features:

Double-sided power, high overall power generation efficiency, can be widely used for sound barrier or noise screens.

1.3.5 Double-sided power Panel

HNS-BT123S	
CHARACTERISTIC	
Substrate	TCO Glass
Panel Type	PIN/PIN/PIN Triple-junction a-Si/Ge Cell, PIN/PIN a-Si/Ge tandem Cell, Triple Glazing/ Double Side Junction Box
ELECTRICAL PERFORMANCE	
Maximum Power (W)	65 58
Maximum Power Voltage (V)	70 43
Maximum Power Current (A)	0.93 1.36
Output Circuit Voltage (V)	89 58.5
Short Circuit Current (A)	1.12 1.56
Power Output Tolerance(W)	0/+3 ± 1
Maximum System voltage (V)	1000
Maximum Series Fuse Rating (A)	5
TEMPERATURE COEFFICIENTS	
Temperature Coefficient of Isc (/ °C)	0.02%
Temperature Coefficient of Voc (/ °C)	-0.20%
Temperature Coefficient of Pmpp (/ °C)	-0.19%
MECHANICAL SPECIFICATION	
Length (mm)	1245
Width (mm)	635
Height (mm, Junction Box not included)	8
Weight (kg)	15.8
Area (m ²)	0.79
Junction Box Type	Side Junction box
Thickness of Junction Box (mm)	12.6
Junction Box Class	IP67
Cable Length (mm)	450
Materials	EVA
Front cover	2.5mm TCO
Intermediate glass	2.0mm Non-Tempered glass
Back cover	2.5mm TCO

