



ETFE Trapezoid Custom Solar Panel

Specifications

Model Number	XR-HSM440250-16V-01E
Maximum power(Wmp)	14.4W
Maximum power voltage(Vmp)	16.3V
Maximum power current(Imp)	0.884A
Open circuit voltage(Voc)	20.4V
Short circuit current(Isc)	0.931A
Cells types & Size	IBC Solar cell
Trapezoid size:	440x250x3.2 ±0.2mm
Solar cell	75.2x30mm
Technology	SMT Technology
Wire	#20AWG red and black 50cm wire
NOCT-Nominal operating cell temperature	47±2°C
Maximum system voltage(VDC)	1000
Cell Efficiency(%)	>23%
Max. Series Fuse Rating (A)	10
Temperature Range	-40°C+85°C
Tolerance Wattage	±10%
Surface Maximum load Capacity	30m/s(200kg/sq.m)
Output tolerance(%)	±3%
Standard Test Conditions (STC)	Tungsten filament lamp 38000LUX
Warranty	2 years product warranty and 5years 90% of power
Net Weight	450g

***Provided the solar panels' installation meets the industrial quality standard.**