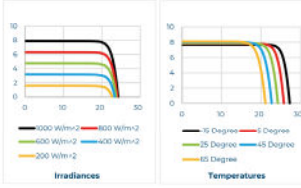
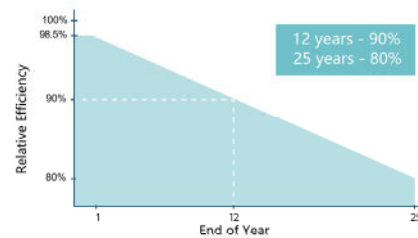


eBIPV specifications

ELECTRICAL SPECIFICATIONS		I-V CURVES
Test Conditions	STC	
Maximum Power (Pmax)	126.91 W	
Maximum Power Voltage (Vpmax)	20.37 V	
Maximum Power Current (Ipmax)	6.23 A	
Open Circuit Voltage (Voc)	24.91 V	
Short Circuit Current (Isc)	8.01 A	
Module Efficiency	17.63 %	
Maximum System Voltage (VDC)	1500V (IEC/UL)	
Series Fuse Rating	25 A	
Power & Other Electrical Specification Tolerance	5%	

STC: Standard Test Conditions 1000 W/m² - AM 1.5 - Temperature 25°C

TEMPERATURE RATINGS	WARRANTY
Temperature Coefficient Isc	0.036% /°C
Temperature Coefficient Voc	-0.25% /°C
Temperature Coefficient Pmax	-0.30% /°C
Nominal Module Operating Temperature	42 ± 3°C
Operating Temperature	-40°C ~ +85°C



Product Warranty: 25 years
 Performance Warranty:
 - ≥ 98% end of 1st year
 - ≥ 90% end of 12th year
 - ≥ 80% end of 25th year

MECHANICAL PROPERTIES	
Module Weight	6.4 kg
Dimensions (L x W x T)	1200 mm x 600 mm x 30 mm
Maximum Surface Load (Wind / Snow)	2400 Pa rear & front
Hail Impact Resistance	ø 25mm @ 23.1 m/s
Fire Rating	A
Class	No
Back support	Aluminium honeycomb composite panel
Cables & Connectors	300mm, 1000mm, 1200mm 4mm ²
Front layer	econiclay Coverings (High durability, UV resistant)
Backsheet	econiclay Coverings (High durability, UV resistant)
Bypass Diodes	3 diodes (45V max DC blocking voltage, 30A max forward rectified current)
Junction Box	IP68 rated, TUV and UL certified

ENGINEERING DRAWING

