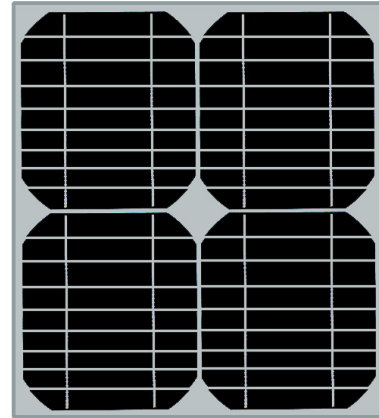




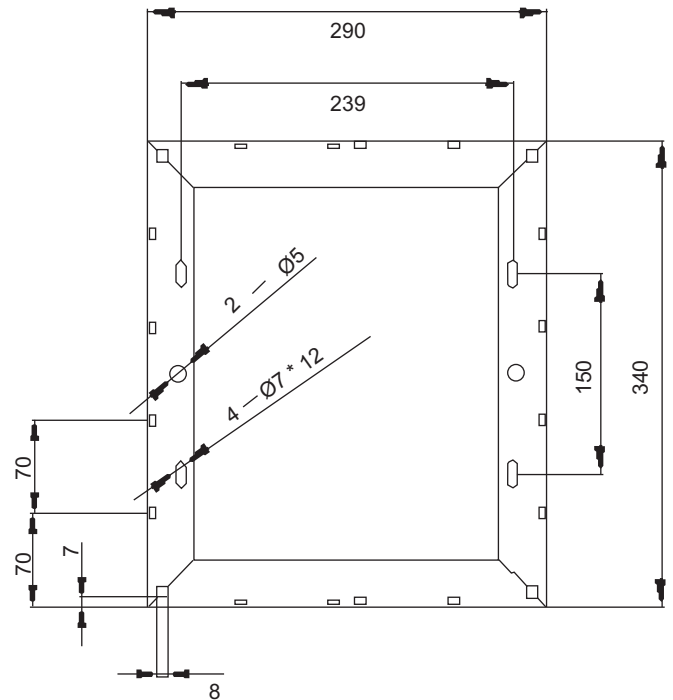
Model: ESC-36M-10

High Performance Mono Crystalline SPV Module

Specification	
Model	ESC-36M-10
Cell Size (mm)	13.89*125
No. of Cells (Pcs)	36
Dimensions (mm)	340*290*35
Solar Cell Efficiency	17.20%



Electrical Characteristics	
Model	ESC-36M-10
Max Power (Wp)	10
Max. Power Voltage (Vmp)	18.1
Max. Power Current (Imp)	0.56
Open Circuit Voltage (Voc)	21.7
Short Circuit Current (Isc)	0.62



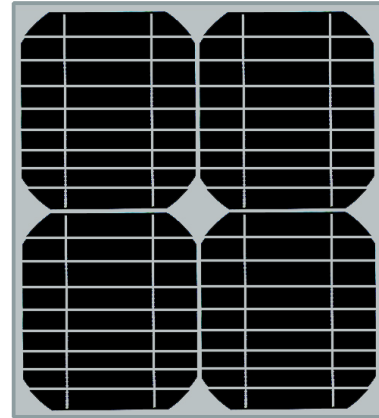
Standard Operating Conditions	
Max. System Voltage (V)	1000
Temperature Coeff. of Isc (%)	0.05/°C
Temperature Coeff. of Voc (%)	-0.35/°C
Temperature Coeff. of Pm (%)	-0.45/°C
Temperature Coeff. of Im (%)	+0.1/°C
Temperature Coeff. of Vm (%)	-0.38/°C
NOCT (°C)	45 ± 2
Temperature Range	-40°C + 80°C



High Performance Mono Crystalline SPV Module

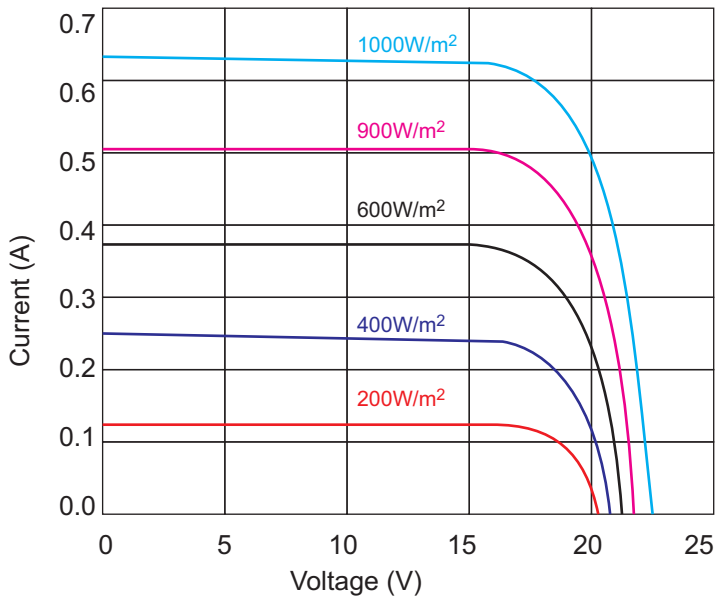
Other Characteristics

Weather Resistance Junction Box Type (TUV Safety Class II)	IP65, TUV Certified
Construction	Superstrate: High Transmission 3.2mm Tempered Low Iron Glass Substrate: White Back Sheet; Encapsulant: Fast Cure EVA
Frame	Clear anodized aluminium alloy; Color: Silver
Watt Tolerance	± 5%
Module Efficiency	15.65%
Weight	1 kg
Product Certifications	IEC 61215, IEC 61730 & CE

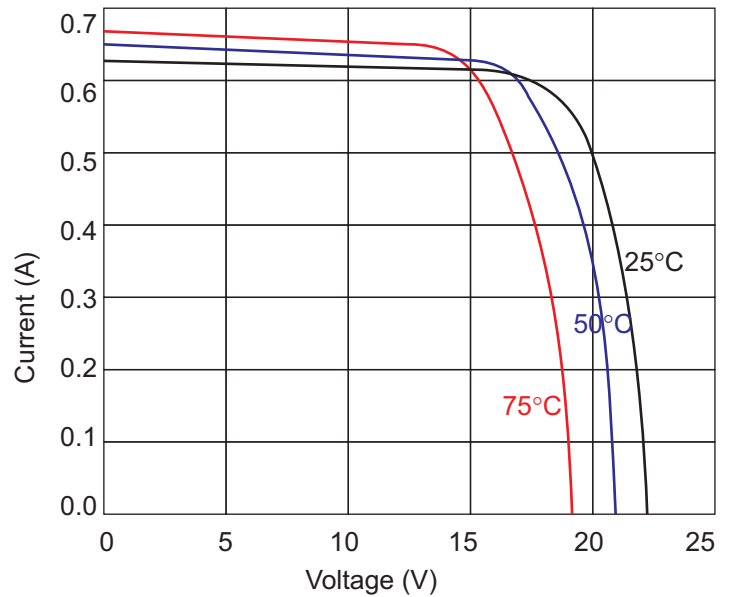


Characteristics Module I - V Graph 10W

I-V Curves of ESC-36M-10 at different Irradiances
Cell Temp. : 25° C



I-V Curves of ESC-36M-10 at different Cell Temperature
IRRADIANCE: AM 1.5 1000W/m²



Warranty

- 2 years warranty against manufacturing defects
- 10 years warranty at 90% rated performance
- 20 years warranty at 80% rated performance

Note: This publication summarizes product warranty and specification, which are subject to change without prior notice.