

Eopllly Blessed by the sunshine



Solar module EPTECH—156M series

Eptech 156M series solar modules are made of 72 pcs 156 mmx156 mm crystalline solar cells in series with high efficiency, high transmission rate and low iron tempered glass, anti-aging EVA and high flame resistant back sheet, and anodized aluminum alloy. The modules have advantages of high efficiency, long service life, easy to install as well as high wind and hail impact resistance.

Features and benefits

High efficiency
Outstanding low-light performance
Applicable for grid connected and 36V stand-alone systems
Power warranties: 25years (80%), 10years (90%)
10 years product guarantee
Power tolerance +/- 3%
Modules are protected against environmental stress by firm attachment of the module frame and glass



Solar Module

290W

EPTECH 156M

Electrical Specifications

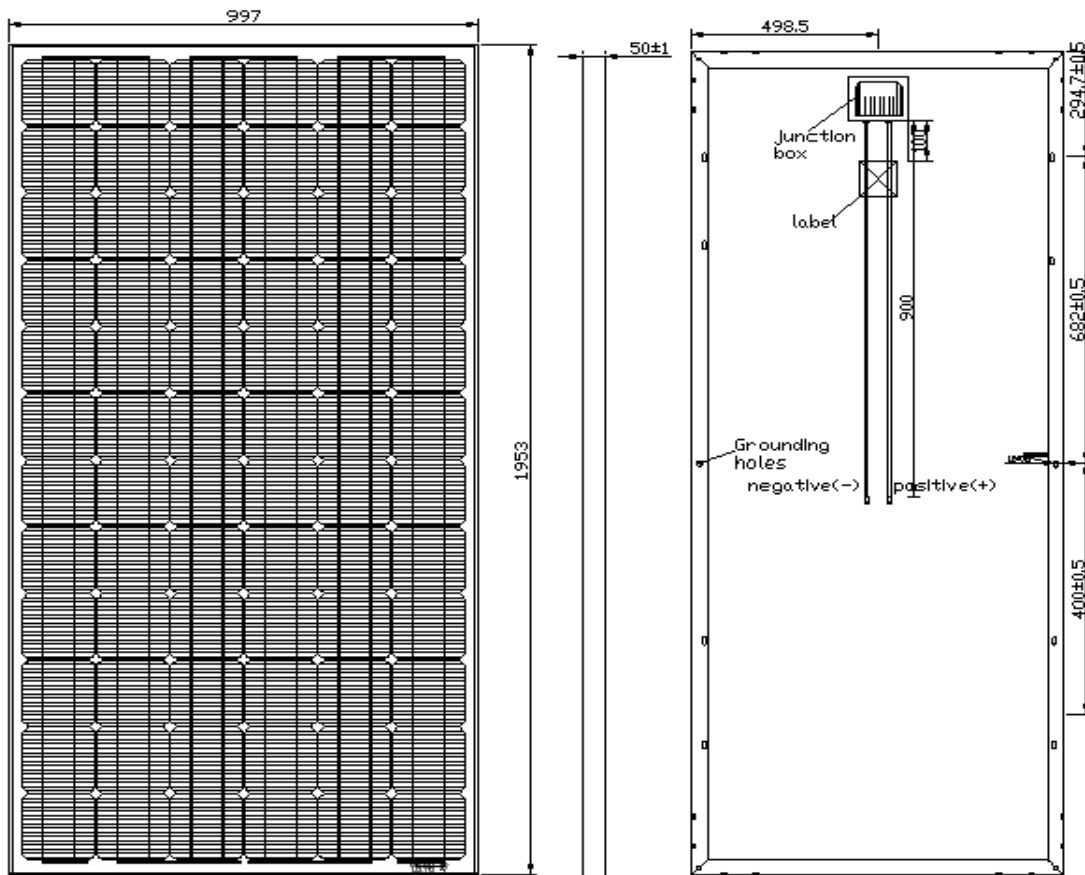
Type / Model			
open circuit voltage (voc)	44.424	short-circuit current temperature coefficient	0.036%K
optimum operating voltage (vmp)	36.792	open-circuit current temperature coefficient	-0.346%K
short-circuit current (Isc)	8.55	peak power temperature coefficient	-0.47%K
optimum operating current (Imp)	7.94	total number of cells	72
maximum power at STC (Pmax)	290w	module total dimension L x W x T (mm)	1953 x 997 x 50
operating temperature	-40°C to 85°C	module efficiency	14.8%
Maximum system voltage	1000VDC	cell efficiency	16.8%

The electrical specifications are typical average value from historical production data.

The electrical data relates to standard test conditions [STC]: 1,000W/m²; AM 1.5; 25°C

EPTECH 156M Series

ALL DIMENSIONS IN mm



Specifications

Cell	Monocrystalline silicon solar cell 156mm x 156mm
Number of cells	72(6 x 12)
Size	1953x99x 50
Weight	26kg

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