



ESM130-156

POLYCRYSTALLINE SOLAR MODULE



High module conversion efficiency, through superior manufacturing technology



Easy installation and handling for various applications



Entire module certified to withstand high wind loads (2400 Pa) and snow loads (5400 Pa)



ISO9001, OHSAS18001, ISO14001











An EverExceed high-power residential solar module is an aesthetic addition to most roofs

ENGINEERING EXCELLENCE

The perfect combination of high performance and design

ADVANCED AESTHETICS

Has an elegant appearance that blends beautifully with your home roof line

DURABLE

Provides long life and enhanced cell performance

HIGH PERFORMANCE

Uses advanced surface texturing to improve efficiency



EverExceed PV modules offer BTS-leading performance for a variety of applications

Power your application

When you choose EverExceed, you get more well-engineered products, you also get our proven reliability, outstanding customer service and the assurance of our 25-year limited warranty



130 Watt

Electrical Characteristics	
Type of Cell	Polycrystalline silicon
Cell Size(mm)	156mm
Module Efficiency	16.04%
Cell Configuration	36(4x9)
Size of module (mm)	1210x670x30mm
Weight per piece (Kg)	9.0Kg
Maximum power (Wp)	130W
Maximum power voltage (V)	18.9V
Maximum power current (A)	6.88A
Open circuit voltage (V)	22.9V
Short circuit current (A)	7.25A
Tolerance of Pmax	0~+5W

Standard Operating Conditions	
Maximum system voltage (V)	1000V
Temperature coefficients of Isc (%)	0.053%/°C
Temperature coefficients of Voc (%)	-0.33%/°C
Temperature coefficients of Pm (%)	-0.42%/°C
NOCT (°C)	45°C±2°C
Temperature range	-40°C to +85°C
Surface maximum load capacity	60m/s (200kg/sq.m)
Series fuse rating	12 A

Other Characteristics	
Junction box type	lp65 rated
Connectors and cables type	4mm ²
Length of cables (mm)	750mm
Frame (material, corners, etc.)	Anodized aluminum alloy
Glass	High transmissivity low-iron 3.2 mm toughened glass
FF (%)	≥78.30%

QUALIFICATIONS IEC 61215 IEC 61730 RoHS C EMC





