



# ESM355S-156

# MONOCRYSTALLINE 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 isan aesthetic addition to most roofs

## **ENGINEERING EXCELLENCE**

The perfect combination of high performance and design

### **ADVANCEDAESTHETICS**

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



# 355 Watt

<b>Electrical Characteristics</b>	
Type of Cell	Monocrystalline silicon
Cell Size(mm)	156x156mm
Module Efficiency	18.30%
Cell Configuration	72(6x12)
Size of module (mm)	1956x992x35mm
Weight per piece (Kg)	21Kg
Maximum power (Wp)	355W
Maximum power voltage (V)	38.4V
Maximum power current (A)	9.26A
Open circuit voltage (V)	46.3V
Short circuit current (A)	9.81A
Tolerance of Pmax	0~+5W

Standard Operating Conditions		
Maximum system voltage (V)	1000V	
Temperature coefficients of Isc (%)	0.05%/°C	
Temperature coefficients of Voc (%)	-0.31%/°C	
Temperature coefficients of Pm (%)	-0.41%/°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	15A	

Other Characteristics	
Junction box type	lp67 rated
Connectors and cables type	4mm²
Length of cables (mm)	900mm
Frame (material, corners, etc.)	Anodized aluminum alloy
Glass	High transmissivity low-iron 3.2 mm toughened glass
FF (%)	≥ 78.14%

# QUALIFICATIONS IEC 61215 IEC 61730 RoHS CE EMC





