WE MAKE SOLAR ENERGYMORE EFFICIENTAND SIMPLE!

EverExceed ®
power your applications

ESM120S-125

MONOCRYSTALLINE SOLAR MODULE

Efficiency
High module conversion efficiency, through superior manufacturing technology
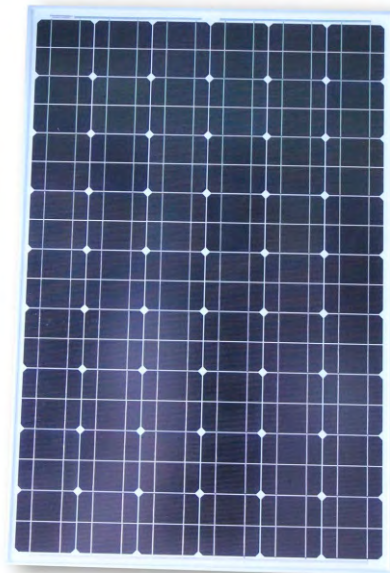
Easyt&quick
Easy installation and handling for various applications

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

Certification
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

www.everexceed.com

120 Watt

Electrical Characteristics

Type of Cell	Monocrystalline silicon
Cell Size(mm)	125mm
Module Efficiency	15.42%
Cell Configuration	72(6x12)
Size of module (mm)	963x808x30mm
Weight per piece (Kg)	8Kg
Maximum power (Wp)	120W
Maximum power voltage (V)	18.5V
Maximum power current (A)	6.49A
Open circuit voltage (V)	22.5V
Short circuit current (A)	7.11A
Tolerance of Pmax	0~+5W

Standard Operating Conditions

Maximum system voltage (V)	1000V
Temperature coefficients of Isc (%)	0.05%/℃
Temperature coefficients of Voc (%)	-0.31%/℃
Temperature coefficients of Pm (%)	-0.41%/℃
NOCT (℃)	45℃±2℃
Temperature range	-40℃ to +85℃
Surface maximum load capacity	60m/s (200kg/sq.m)
Series fuse rating	15A

Other Characteristics

Junction box type	Ip65 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 (%)	≥75. 1%

QUALIFICATIONS

IEC DVE SUV NORD

IEC 61215   IEC 61730   RoHS

CE EMC ISO

Guarantee

10 years material and workmanship guarantee

95% power output guarantee for 5 years
90% power output guarantee for 10 years
80% power output guarantee for 25 years

EverExceed will not accept responsibility for damage caused to other equipment

Contact EverExceed to receive our latest product information
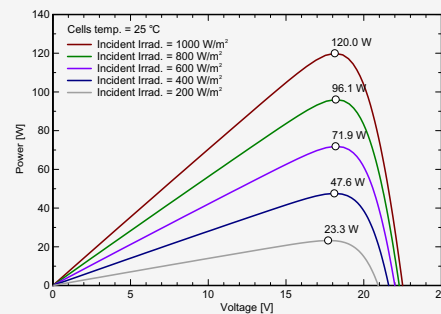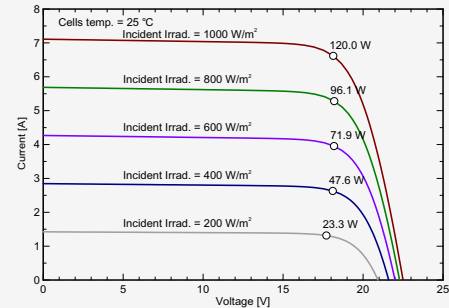
5 -year
▶ **95%** power output ◀

10 -year
▶ **90%** power output ◀

25 -year
▶ **80%** power output ◀

Characteristics(Module I-V Graph 120W)

STC: Irradiance 1000W/m ^{2} ,Module temperature 25℃,AM1.5 spectrum.

Dimension

Back View   SideView

808   30

15   481.5   963   963

25

4-D7*11 Mounting Hole

778