



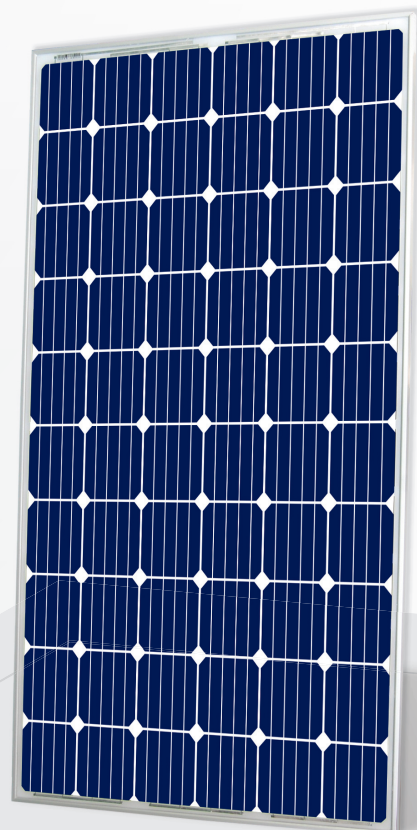
ECS-250/255/260/265/270/275M60 Mono-crystalline PV Module

Features

- € High conversion efficiency through advanced manufacturing technology
- € Excellent performance under weak light conditions (mornings, evenings and cloudy days)
- € Withstand snow loads up to 5400 Pa and wind loads up to 2400 Pa under extreme temperature
- € 12 years product warranty and 25 years performance warranty ensure reliability of modules
- € Easy installation

Certificates

- € Manufactured according to International Management System Standard
Quality Management system: ISO9001
Environmental Management System: ISO14001
Occupational Health and Safety Management System: OHSAS18001
- € Certified and approved by CE, INMETRO, TUV, IEC 61215, IEC 61730, MCS, CEC and PV CYCLE

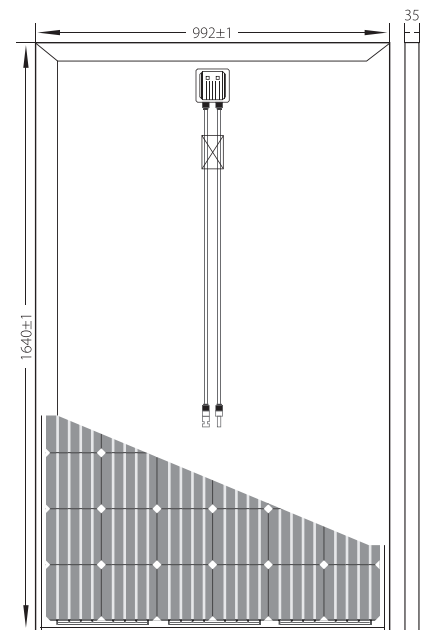


Electrical Characteristics under STC*

Module Type	ECS-250M60	ECS-255M60	ECS-260M60	ECS-265M60	ECS-270M60	ECS-275M60
Maximum Power-Pmax (Wp)	250	255	260	265	270	275
Voltage at Maximum Power-Vmp (V)	30.3	30.5	30.7	30.9	31.1	31.3
Current at Maximum Power -Imp (A)	8.25	8.37	8.47	8.58	8.68	8.79
Open Circuit Voltage Voc (V)	37.5	37.6	37.7	37.8	37.9	38
Short Circuit Current-Isc (A)	8.56	8.68	8.8	8.9	9.01	9.12
Module Efficiency-ηm (%)	15.3	15.6	16	16.3	16.6	16.9
Power Tolerance (%)	0/+3	0/+3	0/+3	0/+3	0/+3	0/+3

Mechanical Characteristics

Cell Type	Mono-crystalline 156×156 mm (6 inches)
Number of Cells	60 (6×10)
Dimension	1640×992×35 mm (64.57×39.06×1.38 inches)
Weight	20.0 kg
Front Glass	Low Iron Tempered Glass
Encapsulant	EVA
Frame	Anodized Aluminum Alloy



Temperature Characteristics

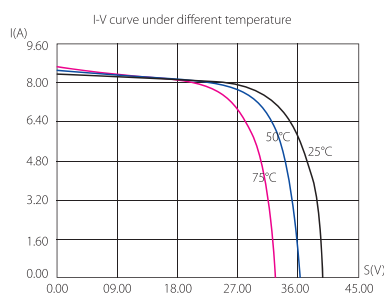
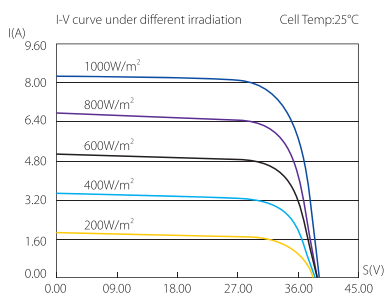
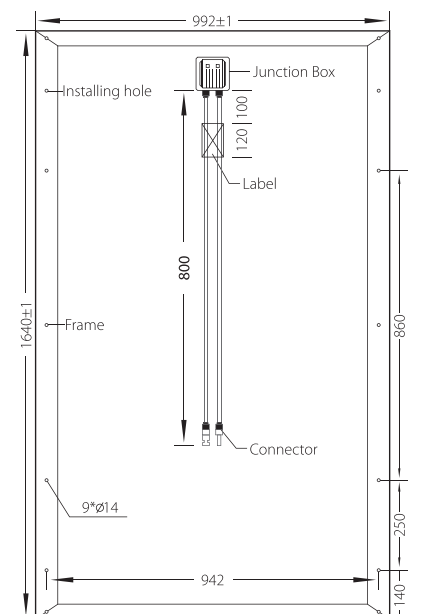
NOCT*	45±2°C
Temperature Coefficient of Pmax (%)	-0.40/°C
Temperature Coefficient of Voc (%)	-0.31/°C
Temperature Coefficient of Isc (%)	0.04/°C

Maximum System Ratings

Operating Temperature	-40°C to +80°C
Maximum System Voltage	1000V DC
Maximum Series Fuse Rating	16A

Warranty

12 years product warranty
12 years warranty on 90% power output
25 years warranty on 80% power output



*STC (Standard Testing Conditions): Irradiance 1000 W/m², cell temperature 25 °C, AM=1.5
ambient temperature 20 °C, wind speed 1 m/s

*NOCT (Nominal Operating Cell Temperature): Irradiance 800 W/m²,
The specifications in this datasheet are subjected to change without prior notice