

SUNENGPANEL

POLYCRYSTALLINE ■ **60P** (270 - 285 Wp)



SE285-60P 285 Wp

SE280-60P 280 Wp

SE275-60P 275 Wp

SE270-60P 270 Wp



High Conversion Efficiency



Self-Cleaning and Anti-Reflection Glass



Outstanding Low Irradiation Glass



Excellent Durability



Easy Installation

✓ 10 Year Performance Warranty ✓ 2 Years Product Warranty



IEC 61215, IEC 61730, IEC 62804 (PID-Free)
IEC 62716, IEC 61701
TS EN 13501-5



SUNENGPANEL

ELECTRICAL CHARACTERISTICS

Model Type	SE270 60P	SE275 60P	SE280 60P	SE285 60P
Peak Power (P _{max})	270 Wp	275 Wp	280 Wp	285 Wp
Module Efficiency	16,47	16,77	17,08	17,38
Maximum Power Voltage (V _{mp})	31,00	31,30	31,60	31,90
Maximum Power Current (I _{mp})	8,71	8,79	8,87	8,95
Open Circuit Voltage (V _{oc})	38,00	38,40	38,70	39,10
Short Circuit Current (I _{sc})	9,21	9,31	9,39	9,47
Power Tolerance	0~+5W			
Maximum System Voltage	1000V DC			
Nominal Operating Cell Temp.	-40 ~ +85°C			
Fire Safety	Class C			
Maximum Series Fuse Rating	15A			

MECHANICAL SPECIFICATIONS

Cell Dimensions	156,75 mm x 156,75 mm
Cells per Module	60 (6X10)
Weight	18 kg
Panel Dimensions	1648x995mm
Panel Dimensions (Optional)	1640x990mm
Max. Wind/Snow Load	2400/5400 Pa
Junction Box	IP67

TEMPERATURE CHARACTERISTICS

Temp. Coeff. of (I _{sc})	0.06%/°C
Temp. Coeff. of (V _{oc})	-0.31%/°C
Temp. Coeff. of (P _{max})	-0.38%/°C

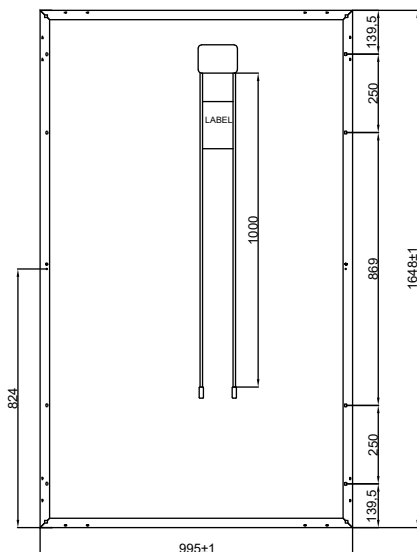
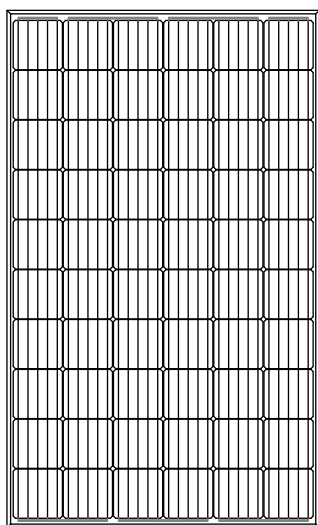
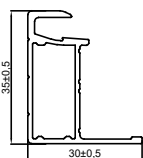
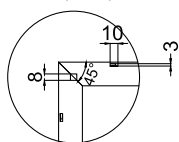
PACKING CONFIGURATION

Container	20' GP	40' GP
Pieces per Pallet	31	31
Pieces per Container	372	938

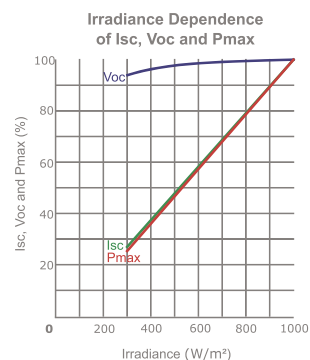
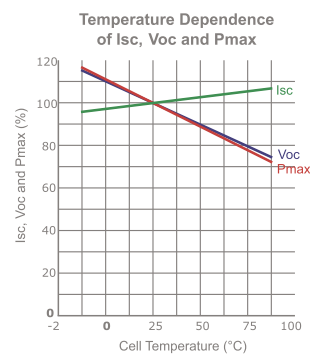
PHYSICAL CHARACTERISTICS

A (1:4)

Unit: mm



ELECTRICAL CHARACTERISTICS



*Note: The specifications are obtained under the standard test conditions: 1000W/m² solar irradiance, 1.5 Air Mass and cell temperature of 25°C. The NOCT is obtained under the Test Conditions 800W/m² solar radiation, ambient temperature 20°C, wind speed 1m/s. Measurement uncertainty for all panels is 6%. The actual transactions will be subject to the contracts. These parameters are for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.