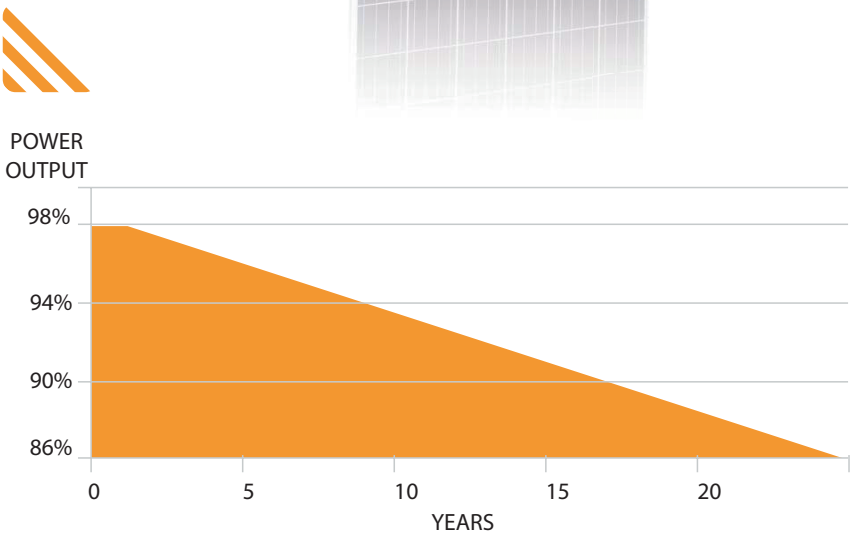
Product Features:

• 60 high efficiency polycrystalline cells • 265-275 W capacity
• 25 years performance warranty
The product features polycrystal with glass surface.

Basic Product Superiorities:

• Excellent resistance to corrosion and outdoor conditions thanks to frameless encapsulation technology
• Manufactured in state-of-the-art, fully-automated and robotic production line
• Has B Roof T1 fire certificate
• Full sealing on applied roof surface and roof cover life is extended to 25 years
• Faster installation than conventional systems
• PID Resistant (Frameless design)



KEY FEATURES

4 Busbar Solar Cell:

4 busbar solar cell adopts new technology to improve the efficiency of modules , offers a better aesthetic appearance, making it perfect for rooftop installation.

High Efficiency:

High module conversion efficiency (up to 16.50%), through innovative manufacturing technology.

Low-light Performance:

Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.

Severe Weather Resilience:

Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

Durability against extreme environmental conditions:

High salt mist and ammonia resistance certified by TUV NORD.

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PERFORMANCE

Performance At Standard Test Conditions (STC: 1000 W/m^2, 25°C, spectrum AM 1.5 G)				
Power Class		MNY –F265	MNY –F270	MNY – F275
Nominal Power Pmax	[W]	265	270	275
Voltage At Maximum Power Vmp	[V]	31.2	31.4	31.6
Current At Maximum Power Imp	[A]	8.5	8.6	8.7
Open Circuit Voltage Voc	[V]	38.2	38.4	38.5
Short Circuit Current Isc	[A]	9.19	9.28	9.4

Performance At Nominal Operating Cell Temperature (NOCT: 46 ± 2 °C @800 W/m , 20°C ambient temperature, spectrum AM 1.5 G)				
Power Class		MNY –F265	MNY –F270	MNY – F275
Nominal Power Pmax	[W]	265	270	275
Voltage At Maximum Power Vmp	[V]	29	29.3	29.6
Current At Maximum Power Imp	[A]	6.78	6.85	6.93
Open Circuit Voltage Voc	[V]	35.4	35.6	36
Short Circuit Current Isc	[A]	7.39	7.45	7.54

TEMPERATURE EFFECTS

Temperature coefficient of Pmax	-0.39 %/ °C
Temperature coefficient of Voc	-0.31 %/ °C
Temperature coefficient of Isc	+0.04 %/ °C

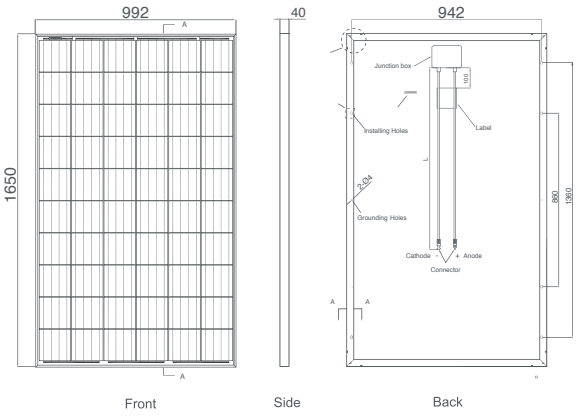
OPERATING LIMITS

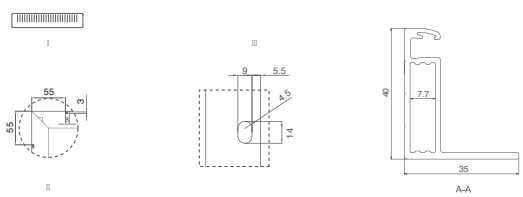
Maximum System Voltage	1000 V
Ambient Temperature Range	-40 ... +85 °C
Maximum Mechanical Load	2400 Pa
Hail Resistance Hailstone	Ø 25 mm at 83 km/h
Maximum Reverse Current	16 A

MECHANICAL CHARACTERISTICS

Module Technology	High quality, frameless, 5-Busbar poly solar module
Number And Type Of Solar Cells	6x10 pieces polycrystalline silicon
Dimensions (L X W X D)	1650 mm x 992mm x 40mm
Weight	19kg (
Junction Box	protection class IP 67
Output Terminals	Junction box with two cables 4 mm 0.6 m each, MC 4 Connectors

Measuring tolerances: Nominal Power Pmax ± 3 %, other electrical parameters ± 10 %





IEC EN 61215 *
IEC EN 61730 *

*In progress