






Harvesting


THE POWER OF SUN


KEY FEATURES


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4 Busbar solar cell adopts new technology to improve the efficiency of modules, offers a better aesthetic appearance, making it perfect for rooftop installation.
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IP67 junction box for long-term weather endurance.
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Heavy snow load up to 5400 Pa.
Wind load upto 2400Pa.
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Our high-transmission glass features a unique anit-reflective coating that directs more light on the solar cells, resulting in a higher energy yield.
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First choice for millions of banks and investors, this size is well-suited for almost all PV applications.
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Higher module conversion efficiency(up to 18.57%) benefit from Passivated Emmitter Rear Contact (PERC) technology
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Positive tolerance of up to 3% delivers higher output reliability.
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100% In-House automatic manufacturing.
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Certified for PID free modules.
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Advanced glass and solar cell surface texturing allow for excellent performance in low-light environments.

ISO9001:2015, ISO 14001:2004, OHSAS 18001:2007 certified company
IEC61215, IEC61730, IEC62804(PID), IEC61701*, IEC62716*, IEC61853* certified products



PERC MONO CRYSTALLINE SOLAR PV MODULE 4BB • 72 CELLS • 350 - 370 WATT

Electrical Parameters at Standard Test Conditions STC & NOCT

Model Type	LE24M350		LE24M355		LE24M360		LE24M365		LE24M370	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Power Output P _{max} (W)	350	258.19	355	260.50	360	264.77	365	268.22	370	271.51
Voltage at P _{max} V _{mpp} (V)	38.84	36.33	38.97	36.45	39.05	36.53	39.48	36.93	39.75	37.18
Current at P _{max} I _{mpp} (I)	9.05	7.24	9.10	7.28	9.23	7.39	9.25	7.40	9.30	7.44
Open-circuit Voltage VOC (V)	47.25	44.19	47.32	44.26	48.04	44.94	48.19	45.07	48.33	45.21
Short-circuit Current ISC (I)	9.58	7.59	9.61	7.62	9.82	7.78	9.82	7.78	9.84	7.80
Module Efficiency % (%)	18		18		18		19		19	

STC : 1000 W/m² irradiance, 25°C cell temperature, AM 1.5g spectrum according to EN 60904-3.
NOCT : 800 W/m² irradiance, ambient temperature 20°C, wind speed 1 m/sec

Thermal Characteristics

Nominal Operating Cell Temperature	NOCT	°C	46+/-2
Temperature Coefficient of P _{max}	γ	%/°C	-0.414
Temperature Coefficient of VOC	β	%/°C	-0.323
Temperature Coefficient of ISC	α	%/°C	0.047

Operating Conditions

Max. System Voltage	1000Vdc
Max. Series Fuse Rating	15A
Limiting Reverse Current	20A
Operating Temperature Range	-40°C to 85°C
Max. Static Load, Front	5400Pa
Max. Static Load, Back (e.g., wind)	2400Pa
Max. Hailstone Impact (diameter / velocity)	25mm / 23.3 m/s

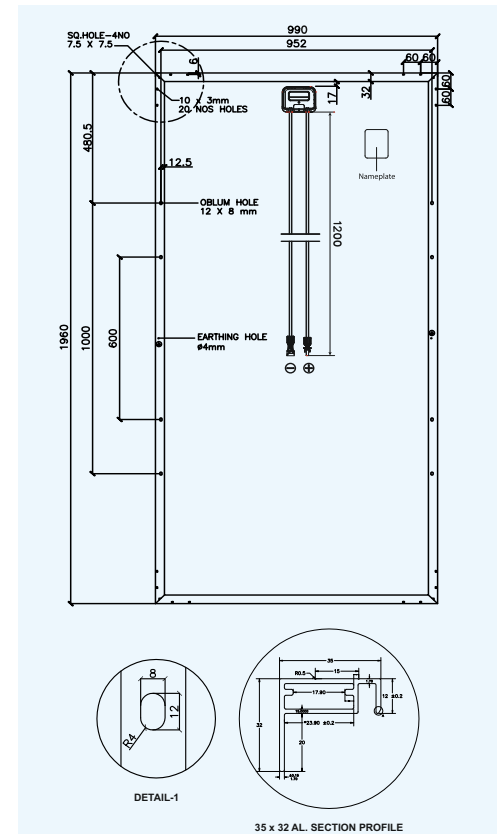
Mechanical Data

Dimensions (L / W / H)	1640mm / 990mm / 35mm
Weight	18.3kg
Front Cover (material / thickness)	AR coated high transmission low iron tempered glass / 3.2 mm
Cell (qty. / material / dim./no. of busbars)	60 / Multicrystalline silicon / 156.75mm x 156.75mm / 4BB
Encapsulate (material)	Ethylene vinyl acetate (EVA)
Backsheet	UV Protected
Frame (material / color)	Anodized aluminum alloy / silver
Junction Box (protection degree)	IP68/67, 3 bypass diodes
Cable (length / cross-sectional area)	1200mm / 4mm ²
Plug Connector (type / protection degree)	MC4 / IP68

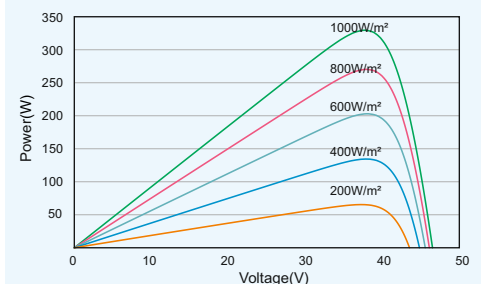
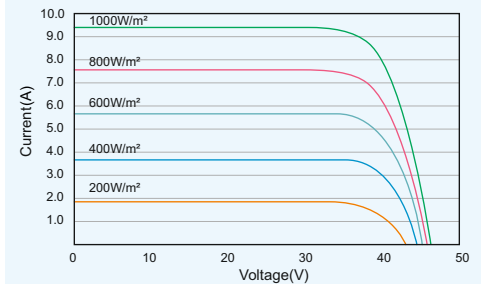
Packaging Specifications

Number of Modules Per Pallet	30
Number of Pallets per 40' Container	22
Packaging Box Dimensions (L / W / H)	2005mm / 1115mm / 1150mm
Box Weight	700kg

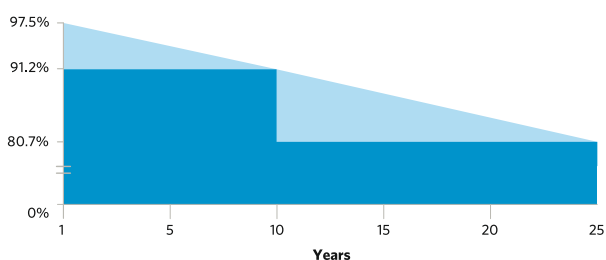
Engineering Drawing (mm)



Electrical Performance



LINEAR PERFORMANCE WARRANTY



■ Lubi Linear Performance Warranty ■ Industry Standard Warranty

- 90% of the specified minimum output of the module for a 10 years period
- 10-year product warranty
- 80% of the specified minimum output of the module for a 25 years period
- 25-year linear performance warranty