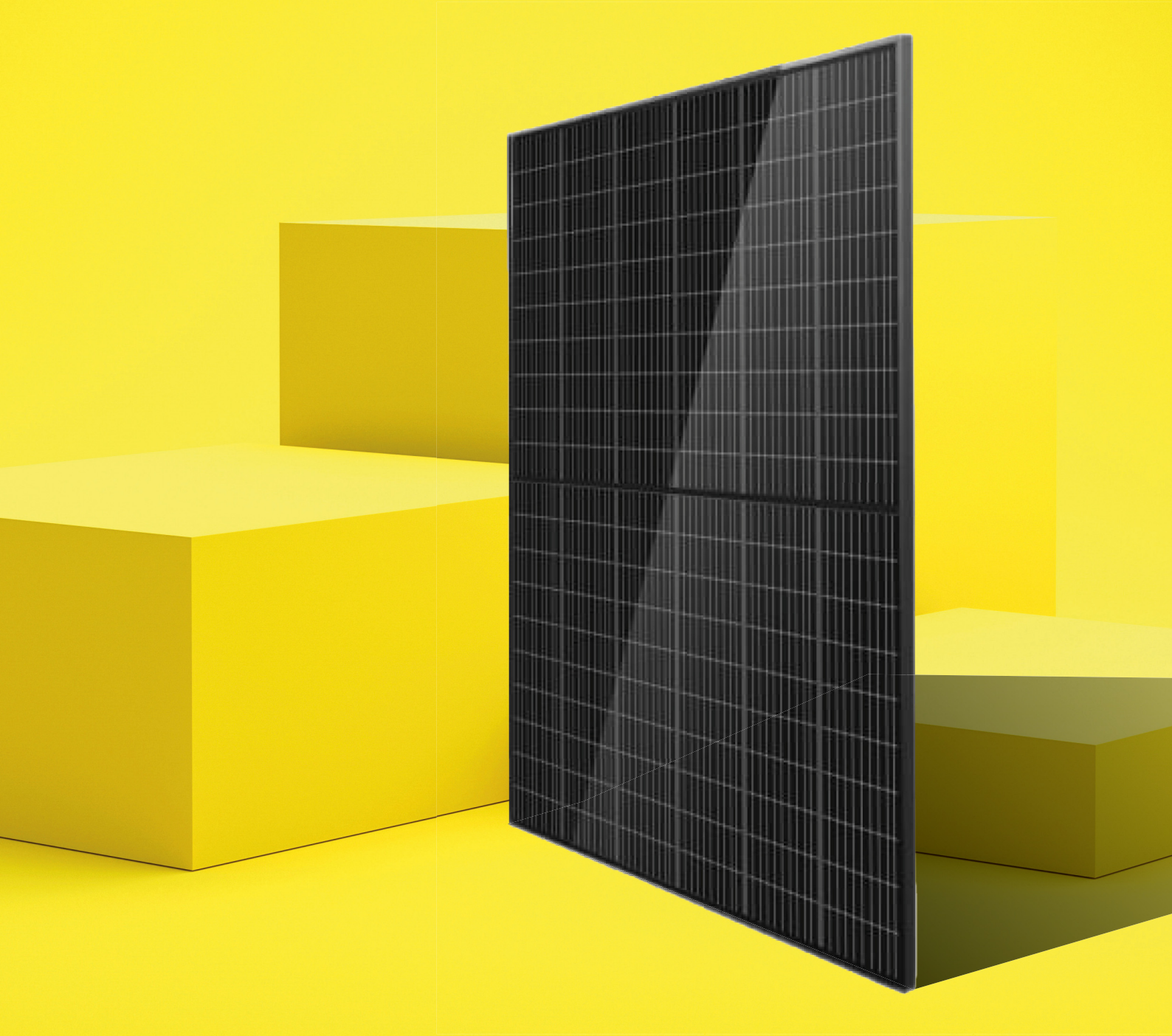




ELERIX SOLAR PANEL

**TOPCon N type Mono-crystalline
450 Watt Full Black**



ELERIX SOLAR PANEL



TOPCon N type Mono-crystalline
450 Watt Full Black

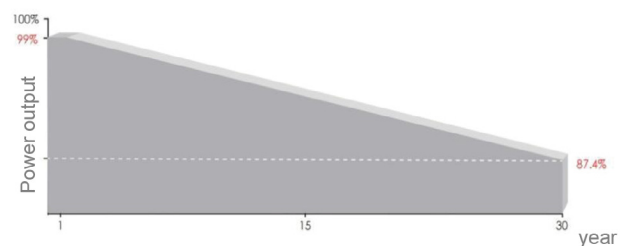
ELERIX TOPCon N type Mono-crystalline 450 Watt Full Black

Key Features

-  Strong Mechanical Strength
-  PID resistance
-  Multiple busbar and Half cell technique
-  Lower attenuation
-  Harsh environmental adaptation

Warranty

-  30 years power linear warranty
-  30 years material and workmanship warranty



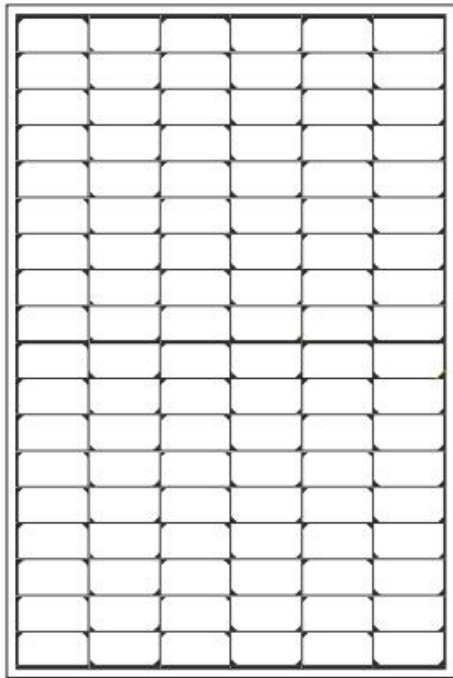
Certification



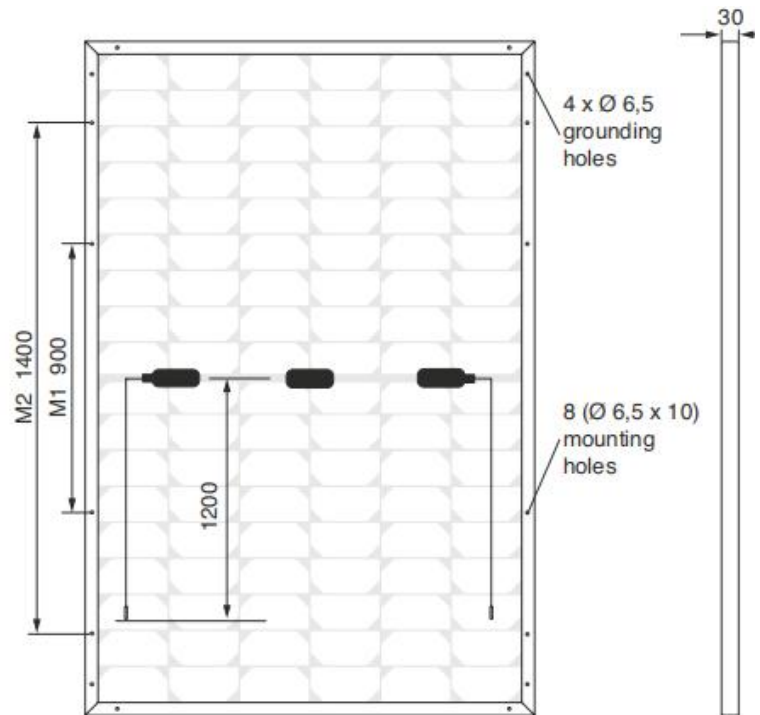
ELERIX SOLAR PANEL



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Front



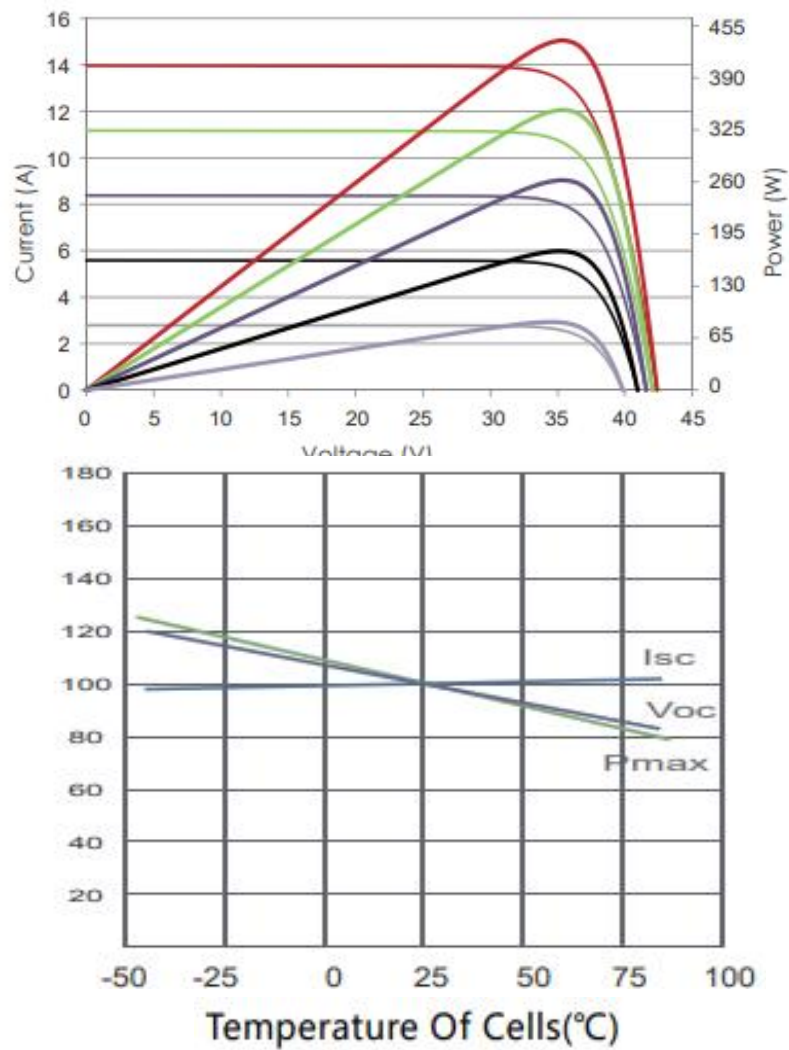
Back

Side

ELERIX SOLAR PANEL



TOPCon N type Mono-crystalline
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ELERIX SOLAR PANEL



TOPCon N type Mono-crystalline
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Electrical Specification	ESM-450T
Maximum Power (Pmax)	450W
Open Circuit Voltage (Voc)	40.90V
Short Circuit Current (Isc)	13.76A
Maximum Power Voltage (Vmp)	34.05V
Maximum Power Current (Imp)	13.22A
Module Efficiency - η_m (%)	23.3

STC: Irradiance 1000W/m², Cell temperature 25°C, Atmospheric quality = 1.5

NOCT: Irradiance 800W/m², Ambient temperature 25°C, Atmospheric quality = 1.5, Wind speed 1m/s

Mechanical Specification	
Cell type	N type mono crystalline 16/18BB
Half-cell quantity	108pcs (6 × 18)
Dimension	1722 × 1134 × 30
Weight	22kg±3%
Glass	3.2mm, AR coated & toughened
Frame	Black Anodized Aluminum Alloy
Junction Box	IP68
Cable	1000mm (can be customized)

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Packaging Configuration

1 pallet	36 pcs
1 pallet size	1760 × 1120 × 1260mm
1 container 40GP	26 pallets / 936pcs

Temperature Characteristic

Operational Temperature	-40°C~+85°C
Temperature Coefficient of Pmax	-0.310%/°C
Temperature Coefficient of Voc	-0.260%/°C
Temperature Coefficient of Isc	+0.046%/°C
Nominal Operating Cell Temperature	45±2°C

Maximum Ratings

Maximum System Voltage	1500VDC
Maximum Series Fuse Rating	25A
Power Tolerance	0~+5%
Safety Class	Class II
Max Load (Front/back)	5400Mpa/2400Mpa

Manufacturer:
EINNOVA SOLARLINE ENERGY CORP. LIMITED
210000 Nanjing
PEOPLE'S REPUBLIC OF CHINA

Importer:
100MEGA Distribution s.r.o.
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