

# STAR Pro SERIES N-TOPCon 120-cell MODULE

EG-475NT60-HLV

**475W**

OSW Specified

## KEY FEATURES



### SMBB cell design

Super multi Busbar cells brings lower resistance and increased Busbar reflectance ensures higher power output



### Low degradation

Adopt N-Type TOPCon cell technology, lower degradation and better temperature co-efficiency, greatly increased on generation performance



### High Reliability

Strict in-house testing in PV Lab which is CNAS approved & TUV /VDE certified



### Excellent Low-light Performance

Advanced solar cell and glass surface texturing technology allows for excellent performance in low-light environments

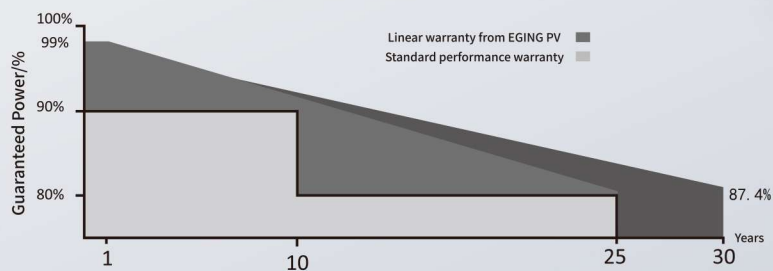


### PID Resistant

Excellent PID resistance performance optimized by unique structural design

## LINEAR PERFORMANCE WARRANTY

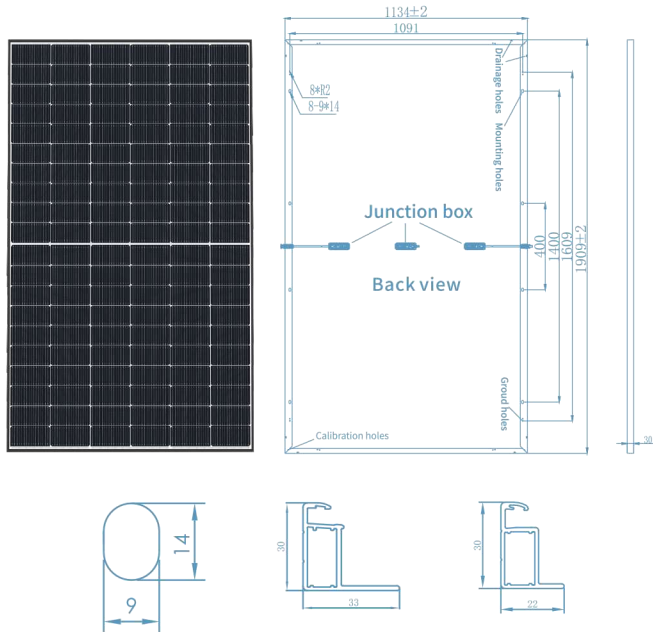
**25** 25Year Product Warranty **30** 30 Year Linear Power Warranty



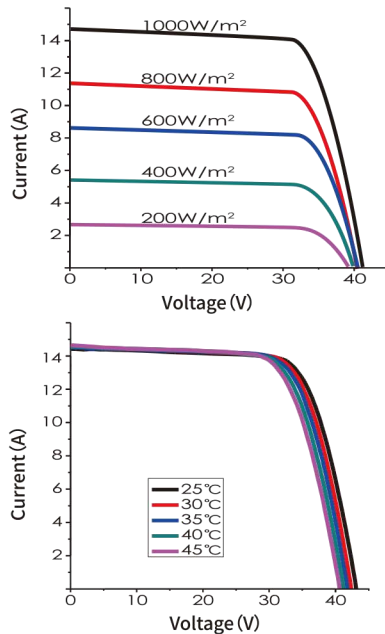
As a BloombergNEF Tier 1 and global leading manufacturer since 1998, EGING PV is committed to supplying reliable and durable PV products to customers to create together a greener planet.

# EG-475NT60-HLV

## Engineering Drawings



## I-V Curves



## Packing Configuration

Pieces per pallet	36
Size of packing (mm)	1940*1135*1255
Weight of packing (kg)	848
Pieces per container	864
Size of container	40'HC

## Electrical Characteristics

Power level	475
Pmax (W)	475
Vmp (V)	35.14
Imp (A)	13.52
Voc (V)	42.84
Isc (A)	14.24
Module efficiency (%)	21.94
Maximum system voltage (V)	1500
Fuse Rating (A)	25
Power tolerance (%)	Pmax: ±3% Binning: 5W Voc: ±5% Isc: ±5%
Temperature coefficient Pmax (%/°C)	-0.30
Temperature coefficient Isc (%/°C)	0.046
Temperature coefficient Voc (%/°C)	-0.25

STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5

## Working Characteristics

Power level	475
Pmax (W)	357
Vmp (V)	33.09
Imp (A)	10.79
Voc (V)	40.39
Isc (A)	11.50
Power tolerance (%)	Pmax: ±3%
NOCT (°C)	44 ± 2

NOCT: Conditions: Irradiance 800W/m², ambient temperature 20°C, wind speed 1m/s

## Mechanical Characteristics

Number of cells	120pcs
Size of cell (mm)	182*91
Type of cell	N-type Mono
Thickness of glass (mm)	3.2
Type of frame	Anodized aluminum alloy
Junction box	IP68
Size of module (mm)	1909*1134*30
Weight (kg)	22.3
Cables/connectors	62930 IEC 131, 1*4mm²/E1-X, QC4.10-cd, Z4S, RHC2xyz
Length of Cabel	Portrait: +1200mm/-1200mm

## Maximum Ratings

Operating Temperature (°C)	-40~85
Operating humidity (°C)	5~85
Allowable Hail Load	25mm ice-ball with velocity of 23m/s

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Specifications included in this datasheet are subject to change without notice.



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