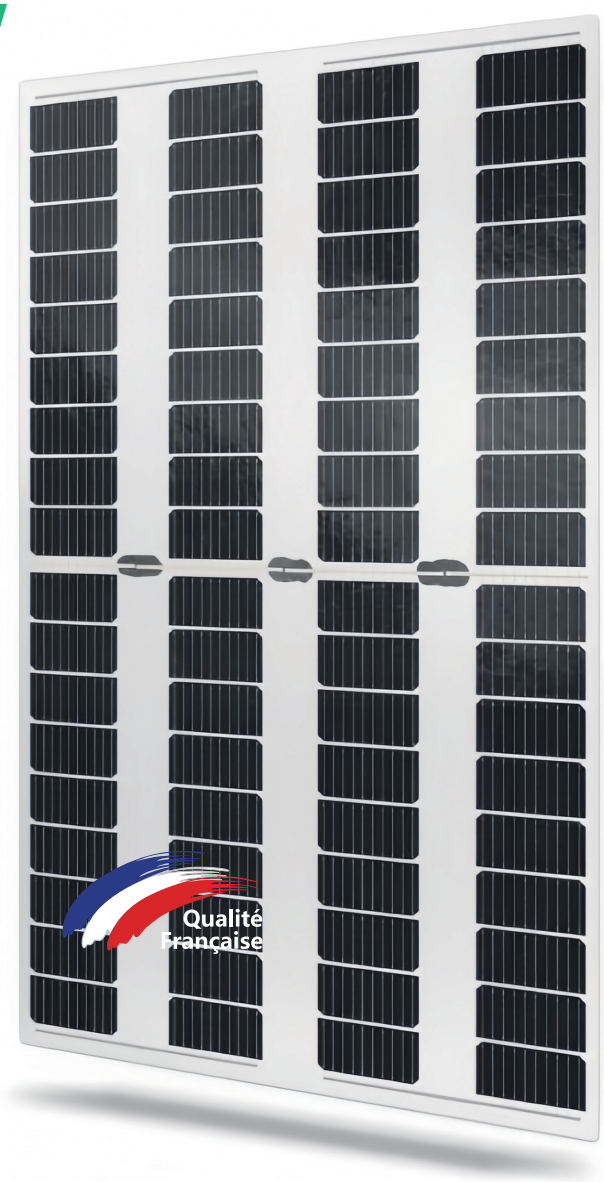
EcoGreenEnergy

EGE-350W-72N(GM10R)
EN.V.25.A

ATLAS TOPCon Agri

350W

GM10R / 182*105mm Cell - 72 Half-cells



KEY FEATURES

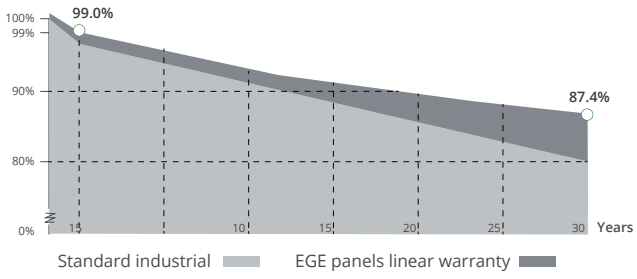
- High transparency ratio 33%
- Anti PID/ Low LID protection
- Lower temperature coefficient
- Less Hot Spot Shading effects
- Enhanced Bifaciality Factor
- Exceptional Mechanical Resistance

15.74% Maximum Efficiency	0~+5W Positive Power Tolerance
350W Maximum Power Output	GRADE A Cells Guaranteed

LINEAR PERFORMANCE WARRANTY

PRODUCT 25 YEARS WARRANTY

LINEAR POWER 30 YEARS WARRANTY



COMPREHENSIVE CERTIFICATES

IEC 61215 / 61730 / 62716 / 61701 / 60068-2-68
ISO 9001 / 14001 / 45001

350W

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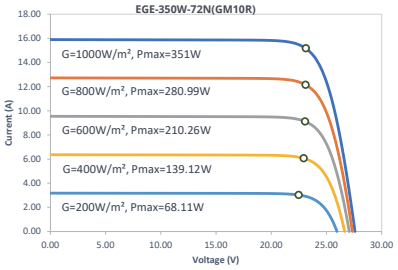
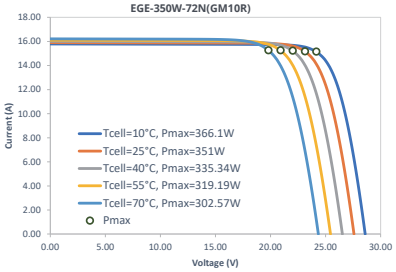
Characteristics

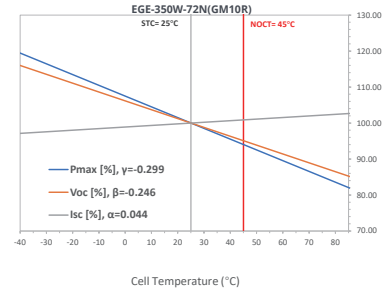
IV-Curves Irradiance



IV-Curves Temperature



Temperature Dependence of Isc,Voc,Pmax



Electrical Characteristics (STC: E=1000W/m² - Tcell=25°C - AM1.5 NOCT: E=800W/m² - T=20°C - v=1m/s BNPI*)

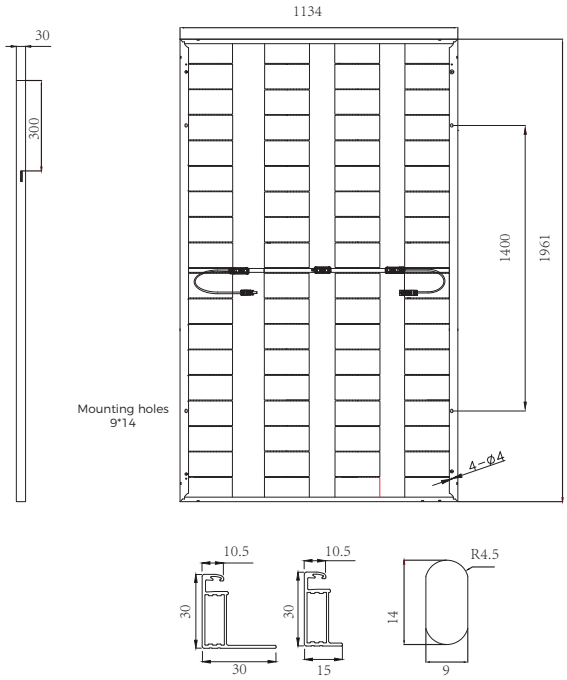
Module Type	EGE-350W-72N(GM10R)		
	STC	NOCT	BNPI
Power output (Pmax)	350 W	264.10 W	385W
Maximum power voltage (Vmp)	23.55 V	21.70 V	23.4 V
Maximum power current (Imp)	14.85 A	12.18 A	16.45A
Open circuit voltage (Voc)	26.28 V	25.90 V	26.13V
Short circuit current (Isc)	15.9 A	12.83 A	17.63A
BSI Isc		19.73 A	
Bifaciality Factor		85 % ± 10 %	
Power tolerance		0~+5 W	
Module efficiency		15.74 %	

* BNPI = Bifacial NamePlate Irradiance

Mechanical Characteristics

Cell type	Monocrystalline Silicon
Number of cells	72(4x18)
Dimensions	1961x1134x30mm
Weight	28 kg
Glass	2.0mm (front) / 2.0mm (rear), tempered glass, AR coated
Frame	Anodized aluminium alloy
Junction box	IP68 rated, 2 by-pass diodes
Cable	4.0 mm2, 300 mm (+)/ 300 mm (-): Length can be customized
Connector	MC4, MC4 Evo2 compatible

Engineering Drawings



Operating Condition

Operating temperature range	-40°C~+85°C
Max system voltage (IEC)	1500 VDC
Max series fuse rating	30 A
Max front load (e.g.: snow)	5400 Pa
Max back load (e.g.: wind)	2400 Pa

Packaging

Type	Quantity	Weight
Per Pallet	36 pcs	1044 kg
40ft HQ Container	864 pcs	25.06 t

EcoGreenEnergy

Eco Green Energy Limited
Add: No. 8 Wuyi Road, Sutong Science and Technology Industrial Park, Nantong, Jiangsu
Tel: +86 0513 66690088
Email: info@eco-greenenergy.com

eco-greenenergy.com

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