

EGE-715-735W-132N(GM12)
EN.V.24.B

TOPCon

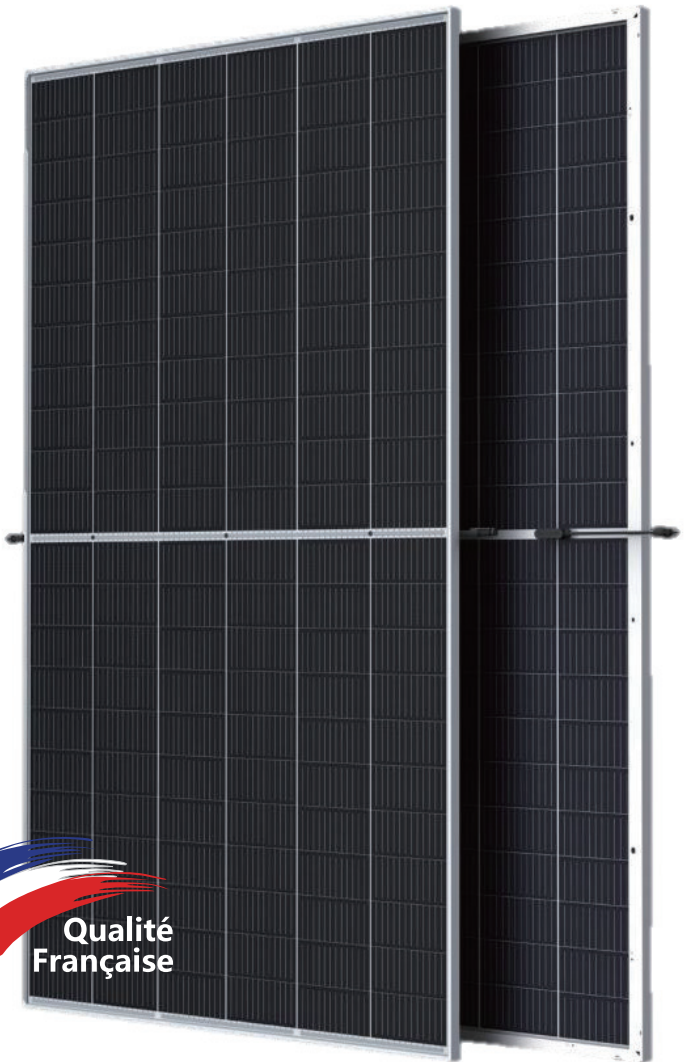
715-735W

M12 / 210mm Cell - 132 Half-cells

KEY FEATURES

-  Outstanding Power Generation
-  Anti PID/ Low LID protection
-  Lower temperature coefficient
-  Less Hot Spot Shading effects
-  Enhanced Bifaciality Factor
-  Exceptional Mechanical Resistance

 **Qualité Française**



23.66%

Maximum Efficiency

0~+5W

Positive Power Tolerance

735W

Maximum Power Output

GRADE A

Cells Guaranteed

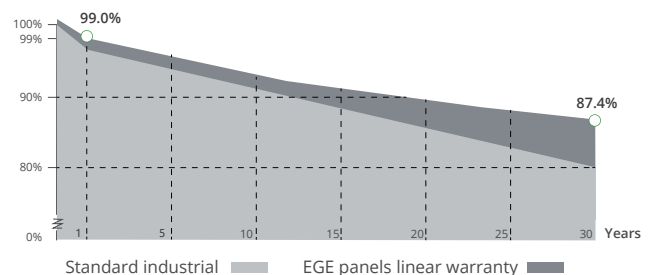
LINEAR PERFORMANCE WARRANTY



COMPREHENSIVE CERTIFICATES

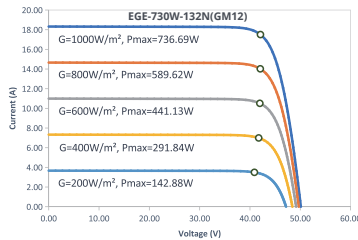
IEC 61215 / 61730 / 62716 / 61701 / 60068-2-68

ISO 9001 / 14001 / 45001

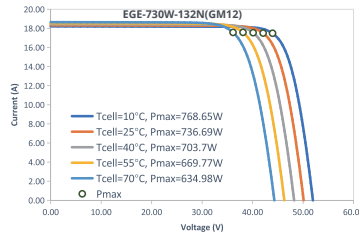


Characteristics

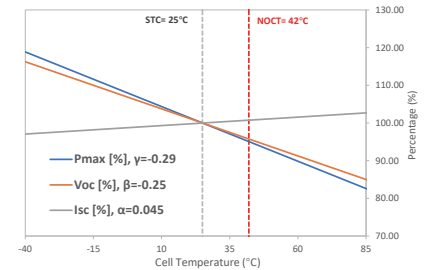
IV-Curves Irradiance



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-715W-132N(GM12)			EGE-720W-132N(GM12)			EGE-725W-132N(GM12)			EGE-730W-132N(GM12)			EGE-735W-132N(GM12)		
	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI	STC	NOCT	BNPI
Power output (Pmax)	715 W	569.55 W	799.54 W	720 W	572.02 W	803.01 W	725 W	576.56 W	809.38 W	730 W	581.43 W	816.23 W	735 W	583.25 W	818.78 W
Maximum power voltage (Vmp)	41.45 V	32.64 V	41.45 V	41.58 V	32.74 V	41.58 V	41.91 V	33.00 V	41.91 V	42.24 V	33.26 V	42.24 V	42.37 V	33.37 V	42.37 V
Maximum power current (Imp)	17.41 A	17.45 A	19.29 A	17.43 A	17.47 A	19.31 A	17.43 A	17.47 A	19.31 A	17.44 A	17.48 A	19.32 A	17.44 A	17.48 A	19.32 A
Open circuit voltage (Voc)	47.78 V	37.63 V	47.78 V	47.85 V	37.68 V	47.85 V	47.92 V	37.73 V	47.92 V	48.05 V	37.84 V	48.05 V	48.11 V	37.89 V	48.11 V
Short circuit current (Isc)	18.26 A	18.30 A	20.23 A	18.28 A	18.32 A	20.25 A	18.30 A	18.34 A	20.28 A	18.32 A	18.36 A	20.30 A	18.32 A	18.36 A	20.30 A
BSI Isc		22.64 A			22.67 A			22.69 A			22.72 A			22.72 A	
Bifaciality Factor										85 % ± 10 %					
Power tolerance										0~+5 W					
Module efficiency		23.02 %			23.18 %			23.34 %			23.50 %			23.66 %	

* BNPI = Bifacial NamePlate Irradiance

Mechanical Characteristics

Cell type	Monocrystalline (210x105 mm)
Number of cells	132 (6x22)
Dimensions	2384x1303x33mm
Weight	38.7 kg
Glass	2.0mm (front) / 2.0mm (rear), tempered glass, AR coated
Frame	Anodized aluminium alloy
Junction box	IP68 rated, 3 bypass diodes
Cable	4.0 mm², 300 mm (+/-) 300 mm (-): Length can be customized
Connector	MC4, MC4 Evo2 compatible

Operating Condition

Operating temperature range	-40°C~+85°C
Max system voltage (IEC)	1500 VDC
Max series fuse rating	35 A
Max front load (e.g.: snow)	5400 Pa
Max back load (e.g.: wind)	2400 Pa

Packaging (Dimensions of pallet: 1320*1125*2509mm)

Type	Quantity	Weight
Per Pallet	33 pcs	1313.1 kg
40ft HQ Container	594 pcs	23.64 t

Engineering Drawings

