



Monocrystalline Photovoltaic Module

LEPV 120 Nexa TOPCon

BLACK - STANDARD 475/480 Wp

QUALITY



N-type cell
Higher resistance to PID and LID



TOPCon
Technology to increase cell efficiency



Bifacial cell
Generates solar energy from both sides



Double glass
Load endurance



Long durability
84,5% at the 30th year



Efficiency
for the 480Wp

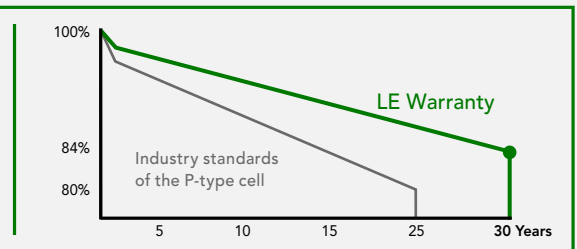


*** EUROPEAN QUALITY ***

WARRANTIES

25 YEARS PRODUCT WARRANTY

30 YEARS PERFORMANCE WARRANTY
Linear Warranty



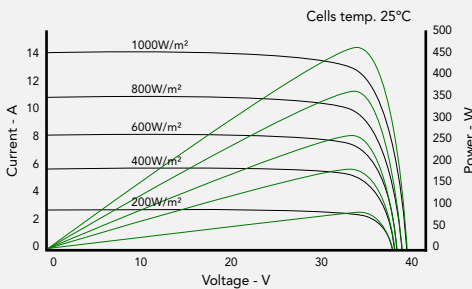
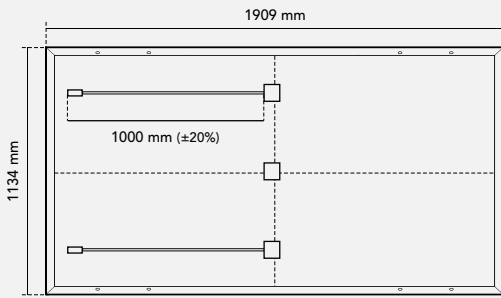
CERTIFICATES





TECHNICAL FEATURES

LEPV 120 Nexa TOPCon 475Wp - 480Wp



FRAME

Black / Silver anodized aluminium
Robust and resistant to corrosion

GLASS

Back Glass | 2 mm Solar glass
Front Glass | 2 mm Anti-reflective surface Solar glass

JUNCTION BOX

Sealed, robust and wide for heat dissipation
IP67/IP68 according to IEC 60529
Diodes by-pass built-in 3
Connector MC4
Cables 1000 mm (±20%) length and 4 mm² section

FRONTAL

Textured, extra-clear with low iron content
Frontal load (snow) 5400 Pa | Back load (wind) 2400 Pa

SOLAR CELLS

120 [2x (10x6)] N-type bifacial monocrystalline silicon cells

WEIGHT, DIMENSIONS AND PACKAGING

25,9 Kg | 1909 x 1134 x 30 mm (±1%) | Pack: 864 pcs-truck

ELECTRIC DATA

BLACK - STANDARD		LEPV 475		LEPV 480	
STC: 1000 W/m², module temperature 25°C, AM 1,5					
Nominal power. Pmax		475 Wp		480 Wp	
Max. power tolerance. Pmax		0 / +3 W		0 / +3 W	
Area of the module		2,16 m ²			
Module efficiency		21,95 %		22,18 %	
Isc		14,24 A		14,34 A	
Voc		42,53 V		42,63 V	
Imp		13,50 A		13,60 A	
Vmp		35,2 V		35,31 V	
NOCT: 800 W/m², ambient temperature 20°C, AM 1,5					
Nominal power. Pmax		357,14 W		360,97 W	
Isc		11,49 A		11,55 A	
Voc		40,41 V		40,57 V	
Imp		10,79 A		10,85 A	
Vmp		33,10 V		33,27 V	
Operating parameters. Temperature coefficients			Electrical characteristics with 10% rear side power gain		
Maximum voltage	1000 - 1500 V	Model	LEPV 475	LEPV 480	
Maximum series fuse rating. Ir	25 A	Pmax	522,50 W	528,0 W	
α Isc	0,044 % / °C	Isc	15,61 A	15,72 A	
β Voc	- 0,276 % / °C	Voc	42,56 V	42,71 V	
γ Pmax	- 0,360 % / °C	Imp	14,81 A	14,91 A	
Temperature range	- 40°C ~ + 85 °C	Vmp	35,29 V	35,41 V	
NOCT	45 ± 2 °C				

NOTE: Read the instruction manual of this product and follow the indications STC. Values are valid for: 1000W/m², AM 1,5 and cells temperature of 25°C. Measurement tolerance +/-3% (AAA Solar simulation -IEC 60.904-9-). All the information of this brochure may be amended without notice by Lina Energy.

