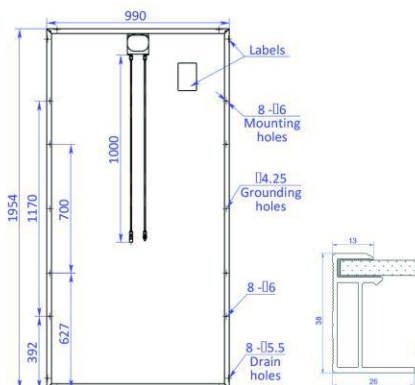




MONOCrystalline Solar Panel

liNa Solar Panels - Bulgarian Made

Physical Characteristics	
Cells per Module	72 Cells (6x12)
Cell Type	Mono-crystalline Silicon
Module Dimension (L x W x H)	1954x990x38 (mm)
Module Weight	21Kg
Frame	Anodized Aluminum (Black frame available by customer order)
Front Glass	4 mm Tempered Glass
Junction Box	IP66/IP65, 4mm ²
Cable Length	1000mm



Electrical Characteristics							
Item	Unit	LE-330W	LE-335W	LE-340W	LE-345W	LE-350W	LE-355W
Max. Power (Pmax)	W	330	335	340	345	350	355
Open circuit voltage (Voc)	V	47,15	47,40	47,65	48,20	48,70	49,10
Short circuit current (Isc)	A	9,00	9,10	9,20	9,20	9,30	9,40
Max. Power voltage (Vmp)	V	38,95	39,05	39,31	39,70	40,05	40,45
Max. Power current (Imp)	A	8,45	8,57	8,65	8,70	8,74	8,78
Module efficiency	%	17,06	17,32	17,58	17,83	18,09	18,35
Power tolerance	W	0~+4,99					

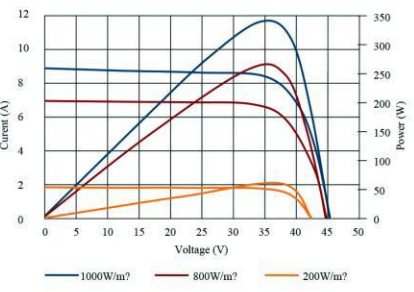
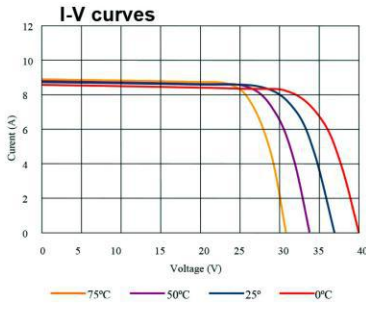
*STC (Standard Test Condition): 1000W/m², AM 1.5, 25°C

Permissible operating conditions	
Temperature range	-40 to +85 °C
Maximum system voltage	1,000V DC(IEC), 600V DC(UL)
Maximum surface load cap	5,400Pa
Maximum hailstone impact (diameter / velocity)	25mm / 23m/s

*NOCT (Nominal Operating Cell Temperature): 800W/m², 20°C, wind speed 1m/s

Thermal Characteristics			
Rating	Unit	Value	
NOCT	°C	45,3±2	
Temperature coefficient	Isc	%/°C	+ 0,06
	Voc	%/°C	- 0,38
	P _{MAX}	%/°C	- 0,42

Packing Specifications	
Packing box dimension (L x W x H)	1980 x 800 x 1150 (mm)
Number of modules per pallet	20



WARRANTY

- 10 YEARS Manufacturing warranty
- 10 YEARS 90% Power Output warranty
- 25 YEARS 80% Power Output warranty

QUALIFICATIONS AND CERTIFICATES

