

LA SOLAR

MONO MODULE

LS370-400ST

**MADE IN
ARMENIA**



High conversion efficiency



Outstanding low irradiation performance



Less shading effect



Excellent loading capability



Higher ROI



Strong physical Property



QUALIFICATIONS AND CERTIFICATES



Intertek
5020665



**UL/IEC61215, UL/IEC61730
ANTI-PID IEC TS 62804-1:2015
ISO9001, ISO14001, ISO45001**



EAC

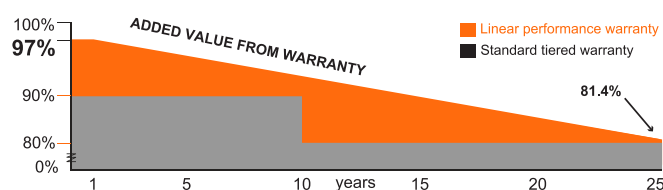
CE

MODEL TYPE	LS370ST	LS375ST	LS380ST	LS385ST	LS390ST	LS395ST	LS400ST
Peak Power (Pmax)	370W	375W	380W	385W	390W	395W	400W
Module Efficiency	18.71%	18.96%	19.21%	19.47%	19.72%	19.96%	20.19%
Maximum Power Voltage (Vmp)	39.10A	39.40A	39.70A	40.00A	40.30A	40.60A	40.90A
Maximum Power Current (Imp)	9.47V	9.52V	9.57V	9.63V	9.68V	9.73V	9.78V
Open Circuit (Voc)	48.50V	48.60V	48.70V	48.90V	49.00V	49.20V	49.50V
Short Circuit Current (Isc)	9.96A	10.01A	10.06A	10.11A	10.16A	10.21A	10.26A
Power Tolerance	$\pm 3 \%$						
Maximum system Voltage Nominal	1500V						
Operating Cell Temperature	$44.4 \pm 2^{\circ}\text{C}$						
Maximum Series Fuse Rating	20A						

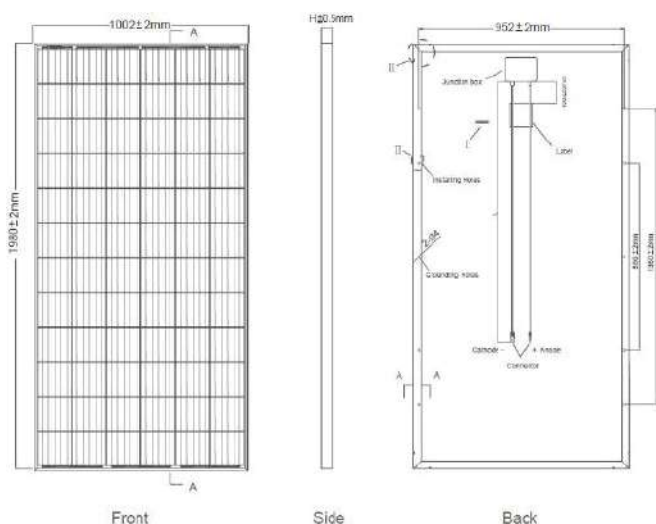
MECHANICAL DATA	
Cell Type	158.75 x158.75mm
Number of Cells	72 (6x12)
Weight	22.0kg
Dimension	1980x1002x35mm
Max Load	5400 Pascals
Junction Box	IP68
Connector	MC4
Wire type	compatible PV wire
Fire Performance	Type 1
Protection Class: Class II (Classified as per IEC 61140)	

TEMPERATURE CHARACTERISTICS	
Temp. Coeff. of Isc (TK Isc)	0.04% / $^{\circ}\text{C}$
Temp. Coeff. of Voc (TK Voc)	-0.28% / $^{\circ}\text{C}$
Temp. Coeff. of Pmax (TK Pmax)	-0.37% / $^{\circ}\text{C}$

PACKING MANNER	
Container	40'HQ
Pieces per Pallet	30
Pieces per Container	600



PHISICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

