

LA SOLAR

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MONO MODULE

LS340-370ST

**DESIGNED IN USA
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

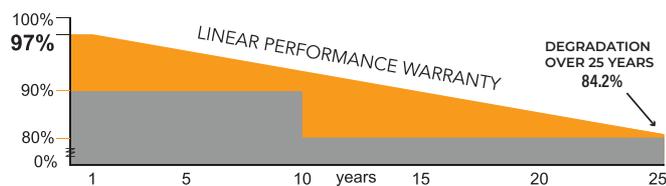
CE

MODEL TYPE	LS340ST	LS345ST	LS350ST	LS355ST	LS360ST	LS365ST	LS370ST
Peak Power (Pmax)	340W	345W	350W	355W	360W	365W	370W
Module Efficiency	17.52%	17.78%	19.16%	19.42%	19.67%	19.92%	18.71%
Maximum Power Voltage (Vmp)	39.2V	39.4V	36.69V	40.0V	40.3V	40.6V	39.10V
Maximum Power Current (Imp)	8.68A	8.76A	9.57A	9.63A	9.68A	9.73A	9.47A
Open Circuit (Voc)	47.2V	47.7V	48.7V	48.9V	49.0V	49.2V	48.50V
Short Circuit Current (Isc)	9.11A	9.15A	10.04A	10.11A	10.16A	10.21A	9.96A
Power Tolerance	± 3 %						
Maximum system Voltage Nominal	1500V						
Operating Cell Temperature	44.4 ± 2°C						
Maximum Series Fuse Rating	20A						

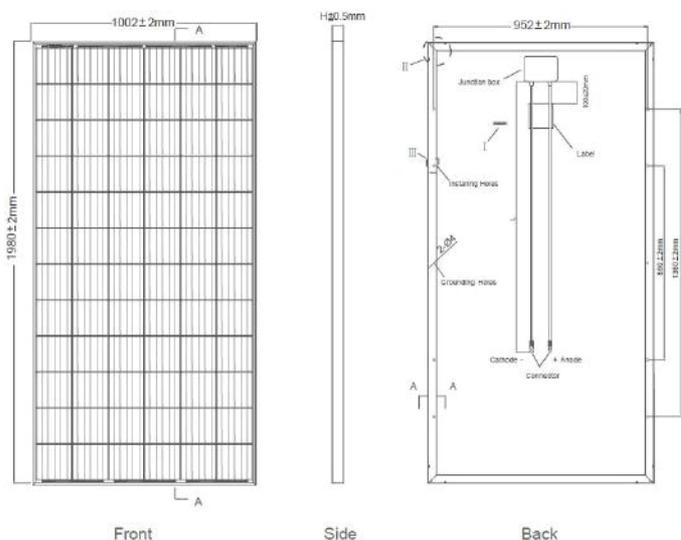
MECHANICAL DATA	
Cell Type	6.2x6.1 in
Number of Cells	72 (6x12)
Weight	46.3 lbs (21.0kg)
Dimension	78x40x1.4 in
Max Load	5400 Pascals
Junction Box	IP68
Connector	MC4
Wire type	compatible PV wire
Fire Performance	Type 1
Protection Class: Class II (Classified as per IEC 61140)	

TEMPERATURE CHARACTERISTICS	
Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.28% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.37% /°C

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



PHISICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

