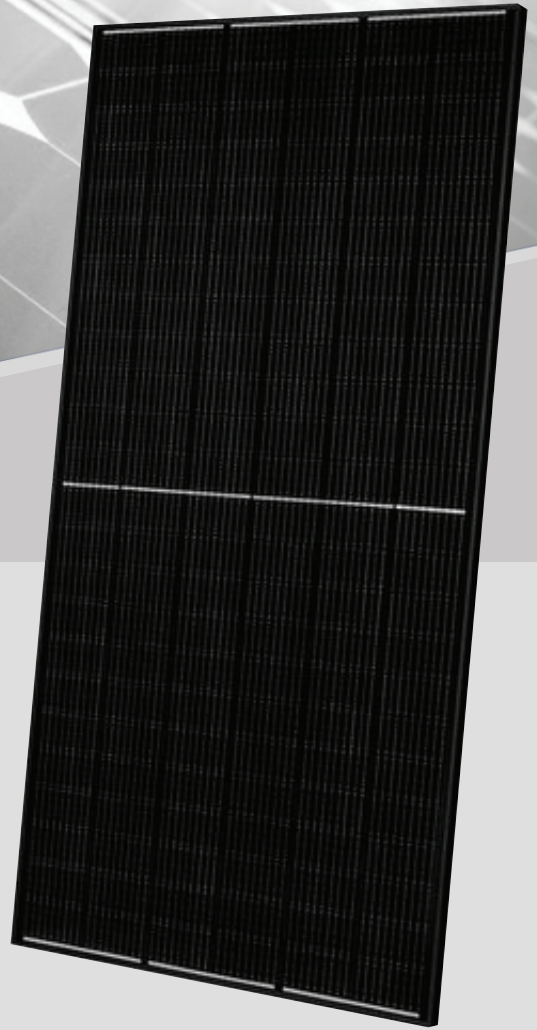


LA SOLAR

DESIGNED IN USA
MADE IN ARMENIA

25

YEAR
WARRANTY



LA SOLAR

MONO MODULE | **LS430-450BL**



High conversion efficiency



Excellent loading capability



Outstanding low irradiation performance



Full black design



Less shading effect



Strong physical Property

QUALIFICATIONS AND CERTIFICATES



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



MODEL TYPE	LS430BL	LS435BL	LS440BL	LS445BL	LS450BL
Peak Power (Pmax)	430W	435W	440W	445W	450W
Module Efficiency	19.7%	19.9%	20.1%	20.4%	20.6%
Maximum Power Voltage (Vmp)	40.30V	40.50V	40.70V	40.80V	41.00V
Maximum Power Current (Imp)	10.66A	10.74A	10.82A	10.90A	10.98A
Open Circuit (Voc)	48.80V	49.00V	49.20V	49.40V	49.60V
Short Circuit Current (Isc)	11.24A	11.31A	11.39A	11.46A	11.53A
Power Tolerance			± 3 %		
Maximum system Voltage Nominal			1500V		
Operating Cell Temperature			44.4 ± 2°C		
Maximum Series Fuse Rating			20A		

MECHANICAL DATA

Cell Type (MONO PERC)	6.5x3.3in	Junction Box	IP68
Number of Cells	144 (6x12+6x12)	Connector	MC4
Weight	52.9 lbs (24.0kg)	Wire type	compatible PV wire
Dimension	83x41.25x1.57 in	Fire Performance	Type 1
Max Load	5400 Pascals	Protection Class: Class II	(Classified as per IEC 61140)

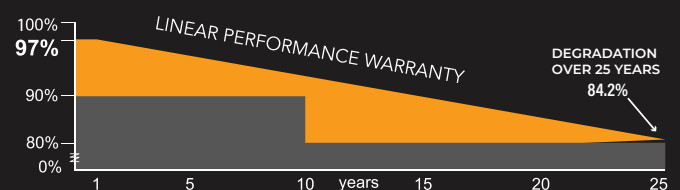
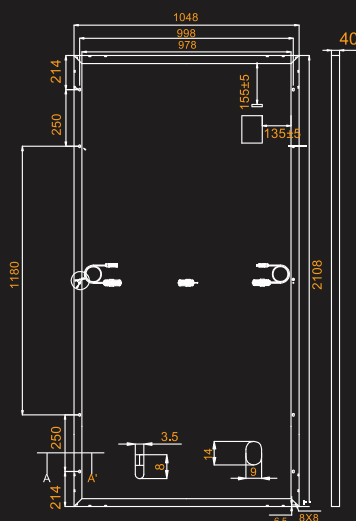
TEMPERATURE CHARACTERISTICS

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	27
Pieces per Container	594

PHISICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

