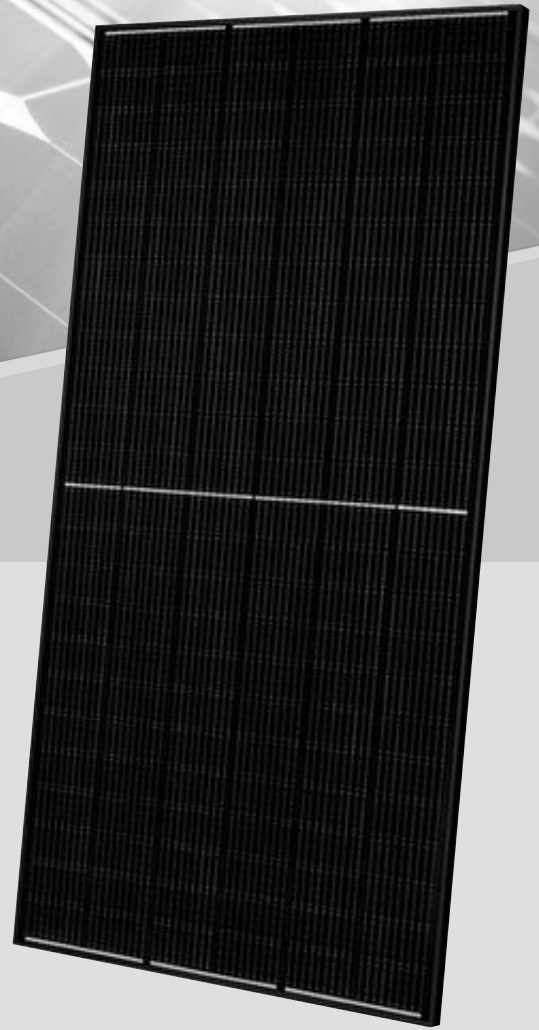


# LA SOLAR

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



EAC

CE

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	166x83 mm MONO PERC	Junction Box	IP68
Number of Cells	144 (6x12+6x12)	Connector	MC4
Weight	24.0kg	Wire type	compatible PV wire
Dimension	2108x1048x40mm	Fire Performance	Type 1
Max Load	5400 Pascals	Protection Class: Class II	(Classified as per IEC 61140)

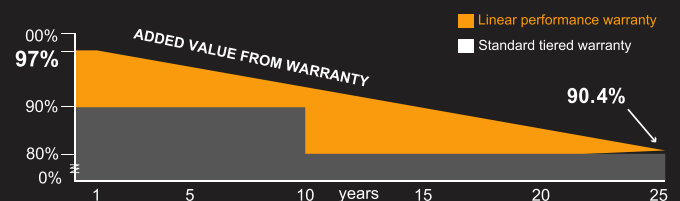
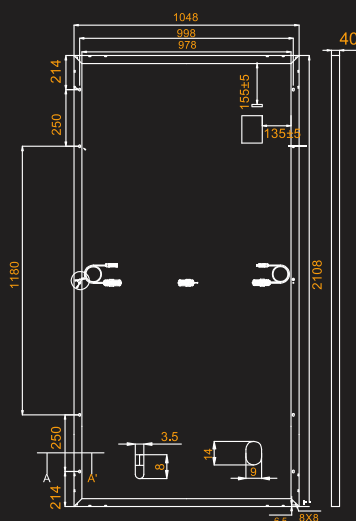
### TEMPERATURE CHARACTERISTICS

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	26
Pieces per Container	594

### PHISICAL CHARACTERISTICS



### ELECTRICAL CHARACTERISTICS

