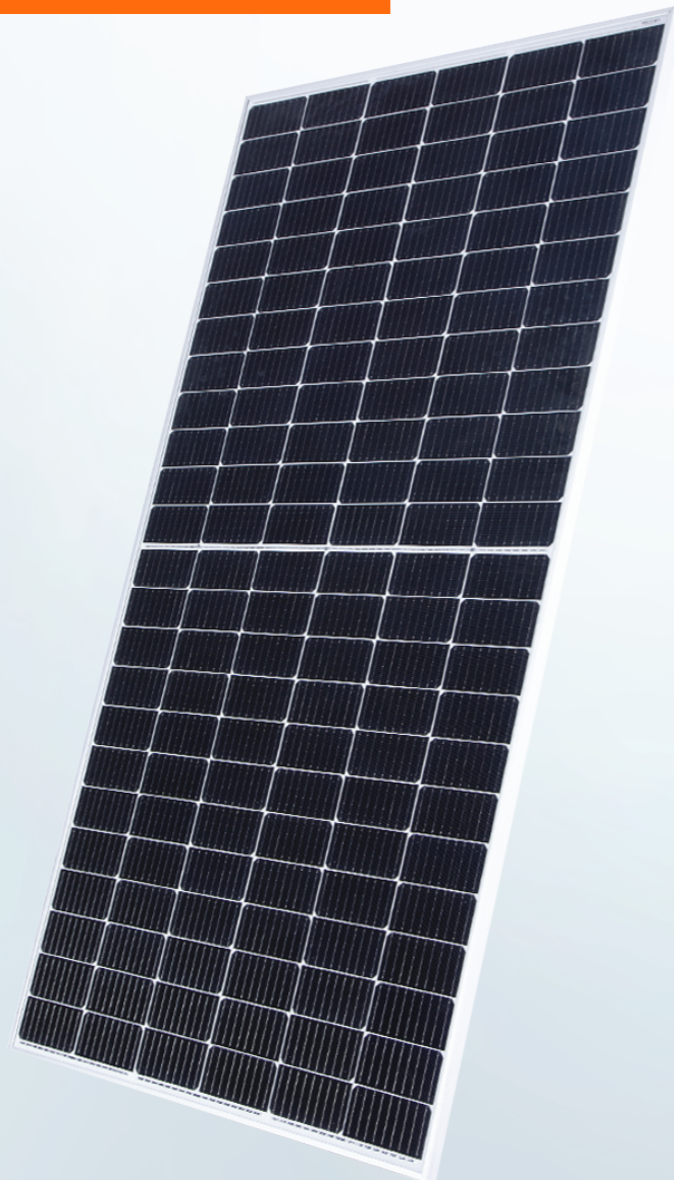


LA SOLAR

MONO MODULE

LS430-450HC(166)



High conversion efficiency
High module efficiency to guarantee power output.

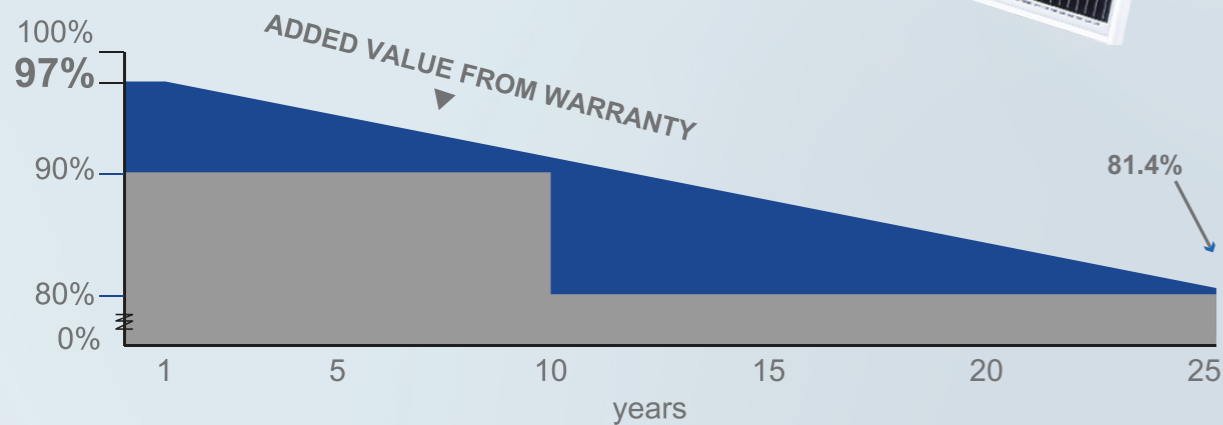
Outstanding low irradiation performance
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.

Excellent loading capability
2400Pa wind loads, 5400Pa snow loads.

0 to +5W
0 to +5W positive tolerance
Detailed information in Electrical Specifications.

25
25-year performance warranty

48
48-hour response service



■ Linear performance warranty
■ Standard tiered warranty

Made in Armenia

Description

Model	LS430HC(166)	LS435HC(166)	LS440HC(166)	LS445HC(166)	LS450HC(166)
Peak Power (Pmax)	430 W	435 W	440 W	445 W	450 W
Module Efficiency	19.7%	19.9%	20.1%	20.4%	20.6%
Maximum Power Voltage (Vmp)	40.3V	40.5 V	40.7 V	40.8 V	41.0 V
Maximum Power Current (Imp)	10.66A	10.74A	10.82A	10.90A	10.98A
Open Circuit Voltage (Voc)	48.8V	49.0V	49.2V	49.4V	49.6V
Short Circuit Current (Isc)	11.24A	11.31A	11.39A	11.46A	11.53A
Power Tolerance	from 0 to +5W				
Maximum System Voltage Nominal	1500V				
Operating Cell Temperature	44.4 ± 2°C				
Maximum Series Fuse Rating	20A				

MECHANICAL DATA

Cell Type	166×83mm Mono Perc
Number of Cells	144 (6×12+6×12)
Weight	24kg
Dimension	2108×1048×40mm
Max Load	5400 Pascals
Junction Box	IP68
Connector	MC4
Wire type	compatible PV wire

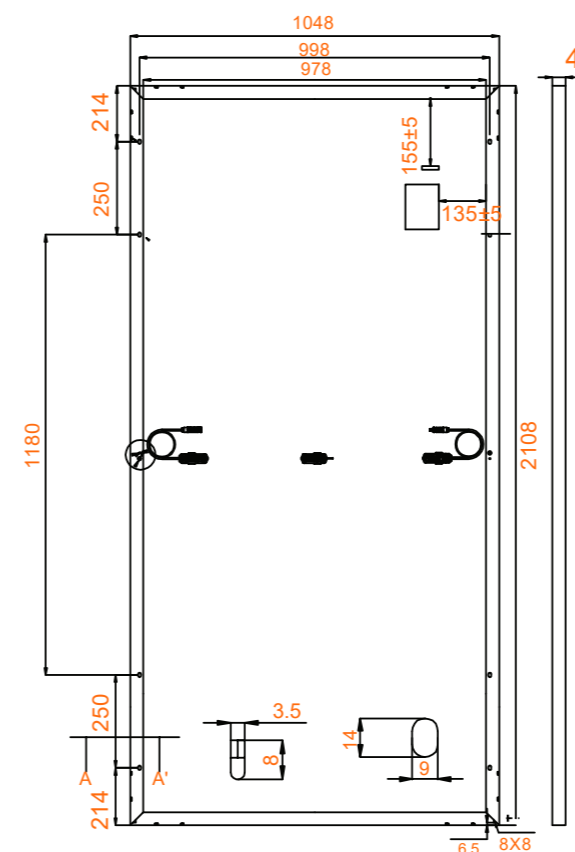
TEMPERATURE CHARACTERISTICS

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	520

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

