

# LA SOLAR

## MONO MODULE

### LS450HC



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.



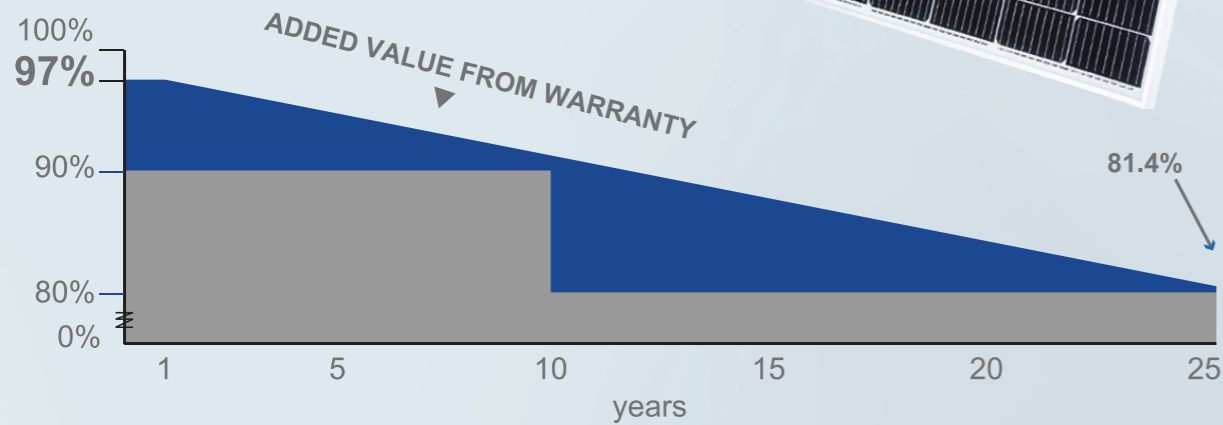
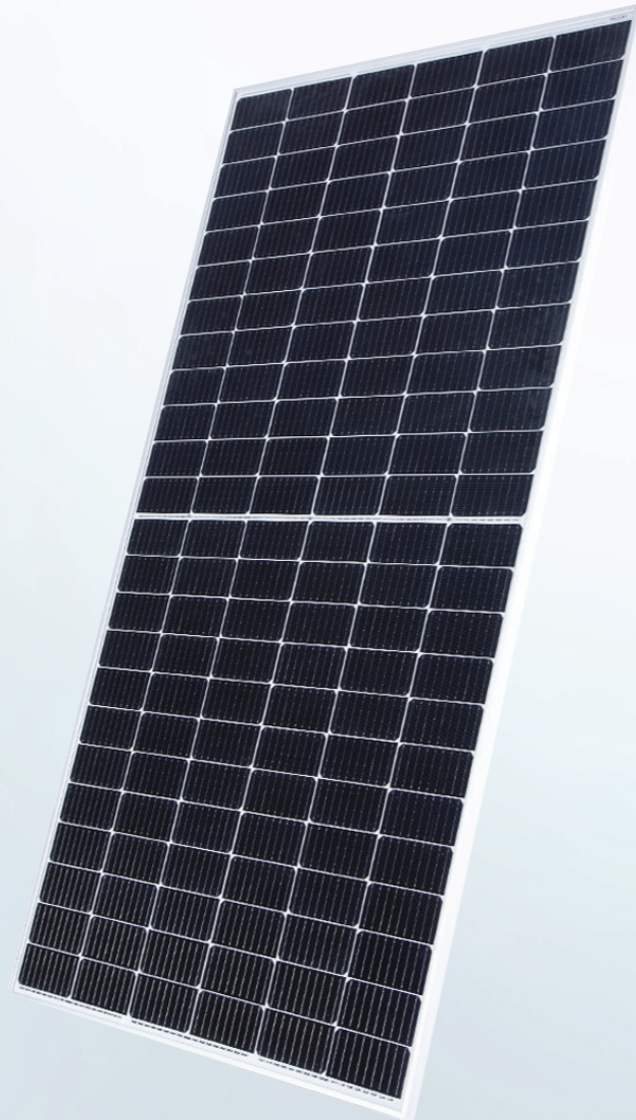
25-year performance warranty



48-hour response service



CERTIFIED: IEC/UL61215, IEC/UL61730,  
Anti-Pid IEC62804, CE, EAC, ISO14001,  
ISO9001, ISO45001



■ Linear performance warranty  
■ Standard tiered warranty

**Made in Armenia**

111 Raffi st., Yerevan, RA

lasolarfactory.com

## Description

Model	LS450HC(166)
Peak Power (Pmax)	450 W
Module Efficiency	20.6%
Maximum Power Volage (Vmp)	41.40 V
Maximum Power Current (Imp)	10.88A
Open Circuit Voltage (Voc)	50.00V
Short Circuit Current (Isc)	11.47A
Power Tolerance	± 3%
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
Fire Performance	Type 1
Protection Class:	Class II (Classified as per IEC 61140)

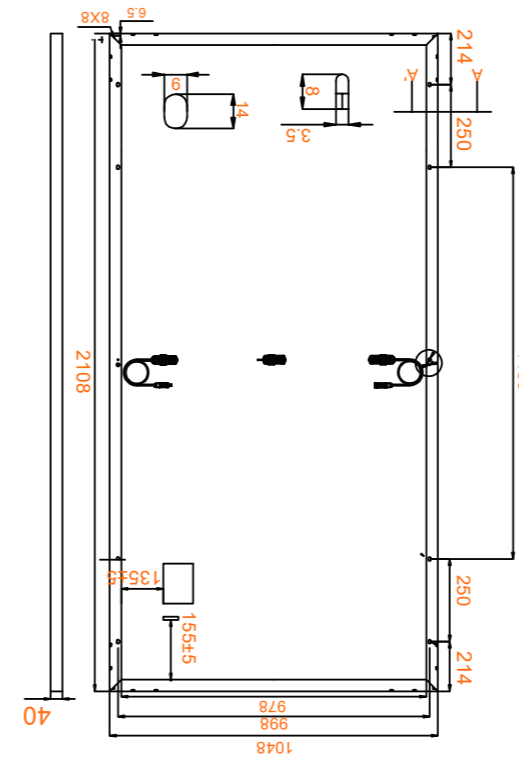
## TEMPERATURE CHARACTERISTICS

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

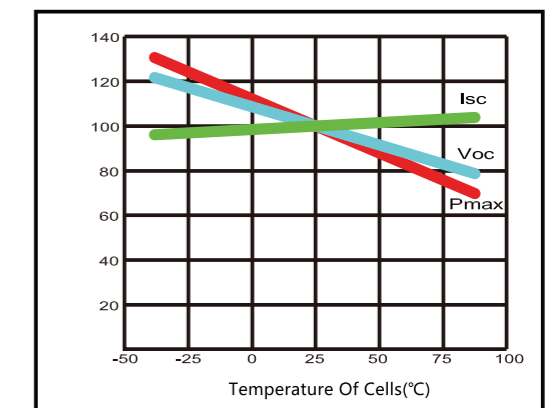
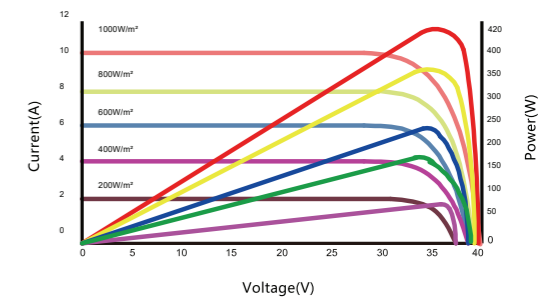
## PACKING MANNER

Container	40' HQ
Pieces per Pallet	26
Pieces per Container	520

## PHYSICAL CHARACTERISTICS



## ELECTRICAL CHARACTERISTICS



Conforms to UL STD. UL61730-1/-2,  
UL61215-1/-1-1/-2. Certified to CSA  
STD. C22.2 #61730-1/-2'.

