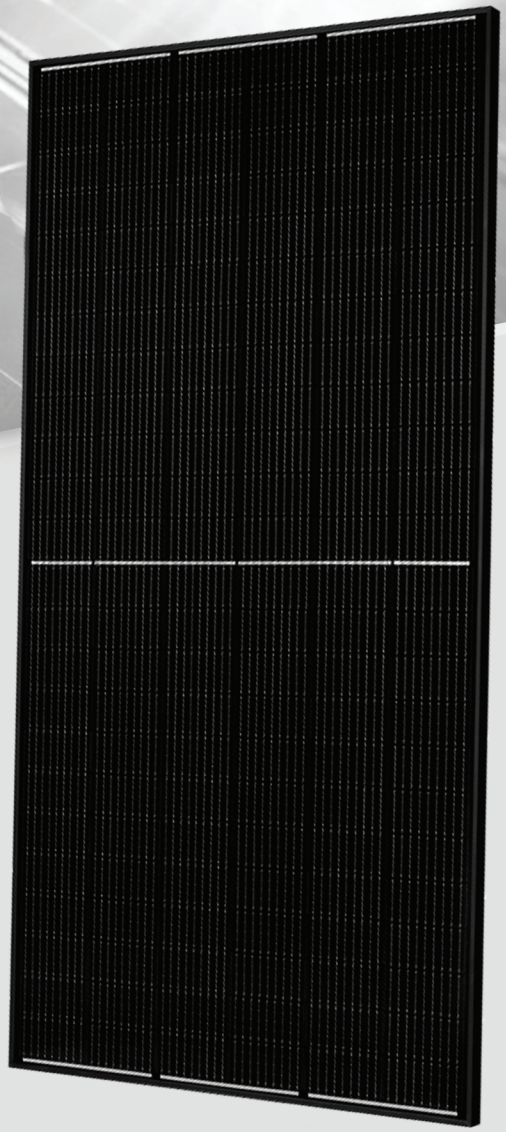
LASOLAR GROUP

EMPOWERING OUR FUTURE TOGETHER



25 YEAR WARRANTY

LA SOLAR

MONO MODULE | LS450BL

- High conversion efficiency
- Excellent loading capability
- Outstanding low irradiation performance
- Full black design
- Less shading effect
- Strong physical Property

QUALIFICATIONS AND CERTIFICATES

Intertek 5020665

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

MODEL TYPE	LS450BL
Peak Power (Pmax)	450W
Module Efficiency	20.6%
Maximum Power Voltage (Vmp)	41.00V
Maximum Power Current (Imp)	10.98A
Open Circuit (Voc)	49.60V
Short Circuit Current (Isc)	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)	

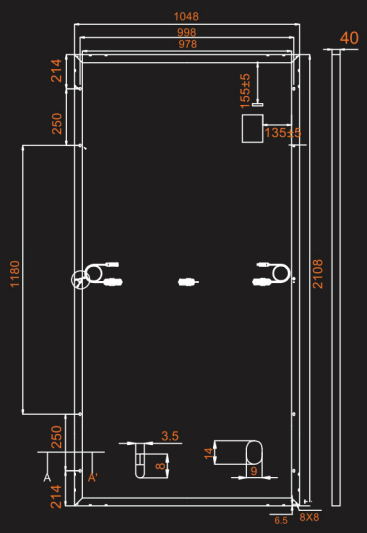
TEMPERATURE CHARACTERISTICS

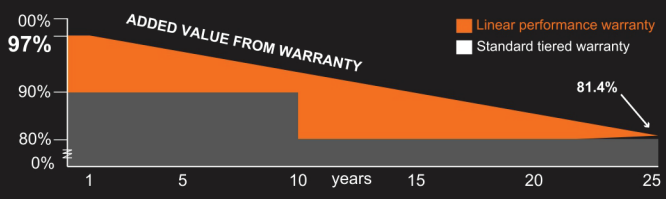
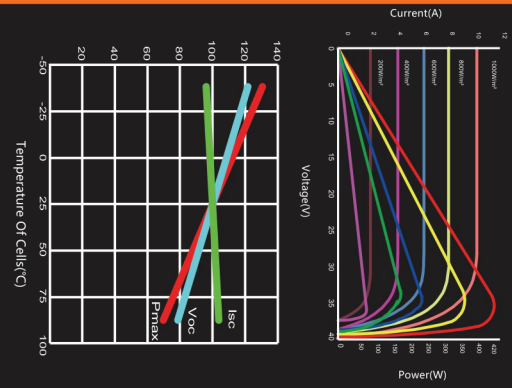
Temp. Coeff. of Isc (TK Isc)	0.04% / °C
Temp. Coeff. of Voc (TK Voc)	-0.28% / °C
Temp. Coeff. of Pmax (TK Pmax)	-0.37% / °C

PACKING MANNER

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

PHISICAL CHARACTERISTICS





ELECTRICAL CHARACTERISTICS