

LA SOLAR

MONO MODULE

LS430-450HC



- High conversion efficiency
- Outstanding low irradiation performance
- Less shading effect
- Excellent loading capability
- Higher ROI
- Strong physical Property



QUALIFICATIONS AND CERTIFICATES



Intertek
5020665



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



MODEL TYPE	LS430HC	LS435HC	LS440HC	LS445HC	LS450HC
Peak Power (Pmax)	430W	435W	440W	445W	450W
Module Efficiency	19.7%	19.9%	20.1%	20.4%	20.6%
Maximum Power Voltage (Vmp)	40.30A	40.50A	40.70A	40.80A	41.00A
Maximum Power Current (Imp)	10.66V	10.74V	10.82V	10.90V	10.98V
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				

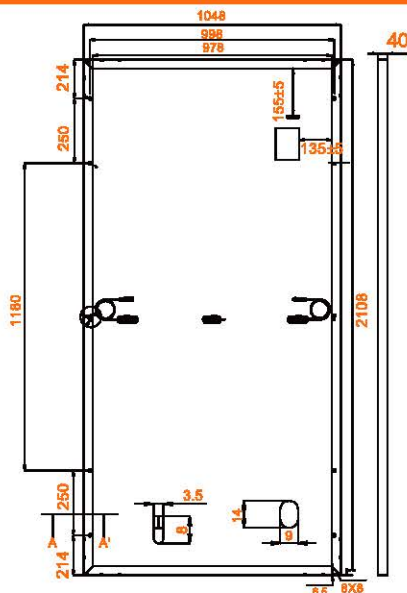
MECHANICAL DATA	
Cell Type	166x83 mm MONO PERC
Number of Cells	144 (6x12+6x12)
Weight	24.0kg
Dimension	2108x1048x40mm
Max Load	5400 Pascals
Junction Box	IP68
Connector	MC4
Wire type	compatible PV wire
Fire Performance	Type 1
Protection Class: Class II (Classified as per IEC 61140)	

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



PHISICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS

