

LA SOLAR

MONO MODULE

LS430-450HC

25 YEAR
WARRANTY

-  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

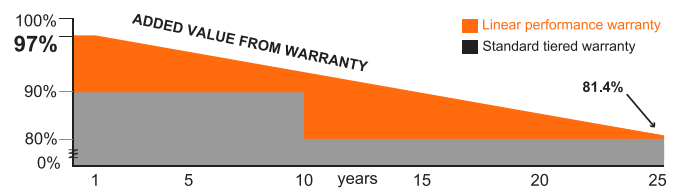


| MODEL TYPE | LS430HC | LS435HC | LS440HC | LS445HC | LS450HC |
|--------------------------------|------------|---------|---------|---------|---------|
| Peak Power (Pmax) | 430W | 435W | 440W | 445W | 450W |
| Module Efficiency | 19.7% | 19.9% | 20.1% | 20.4% | 20.6% |
| Maximum Power Voltage (Vmp) | 40.30V | 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 | | | | |

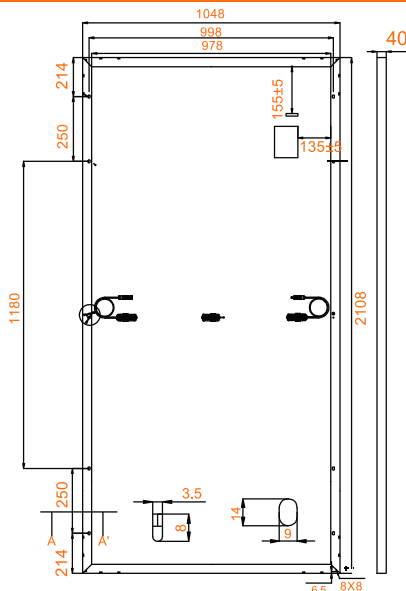
| MECHANICAL DATA | |
|--|---------------------|
| Cell Type | 166x83 mm MONO PERC |
| Number of Cells | 144 (6x12+6x12) |
| Weight | 24.0kg |
| Dimension | 2108x1048x40mm |
| Max Load | 5400 Pascals |
| Junction Box | IP68 |
| Connector | MC4 |
| Wire type | compatible PV wire |
| Fire Performance | 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

