

# Hi-MO X6<sup>Max</sup> Artist

LR7-60HTB

500~520M

- Suitable for Distribution Market
- Pure black for extreme elegance
- Better energy generation performance
- Better product warranty, better service



25-year Warranty for  
Materials and Processing



25-year Warranty for Extra  
Linear Power Output

## Complete System and Product Certifications

IEC 61215, IEC 61730

ISO9001:2015: ISO Quality Management System

ISO14001: 2015: ISO Environment Management System

ISO45001: 2018: Occupational Health and Safety

IEC62941: Guideline for module design qualification and type approval

**LONGI**



CE

Hi-MO

X6

Max

Artist

LR7-60HTB 500~520M

23.0%

MAX MODULE  
EFFICIENCY

0~3%

POWER  
TOLERANCE

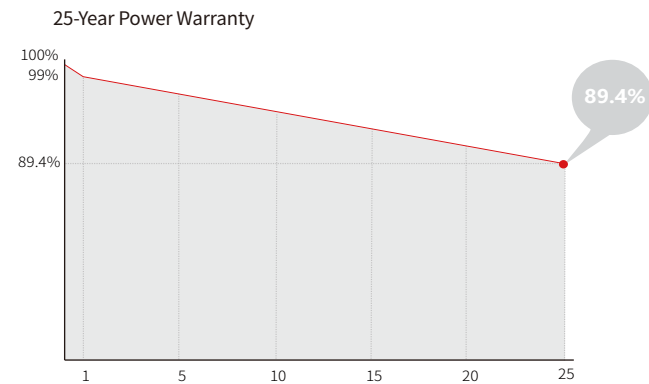
<1%

FIRST YEAR  
POWER DEGRADATION

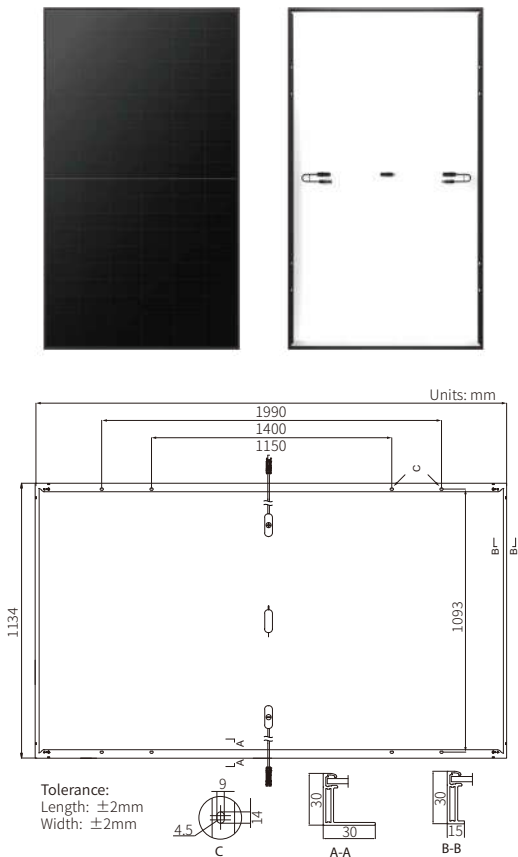
0.40%

YEAR 2-25  
POWER DEGRADATION

Additional Value



|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Mechanical Parameters |                                                          |
| Cell Orientation      | 120 (6×20)                                               |
| Junction Box          | IP68                                                     |
| Output Cable          | 4mm², ±1400mm<br>length can be customized                |
| Glass                 | Single glass, 3.2mm coated tempered glass                |
| Frame                 | Anodized aluminum alloy frame                            |
| Weight                | 24.8kg                                                   |
| Dimension             | 1990×1134×30mm                                           |
| Packaging             | 36pcs per pallet / 180pcs per 20' GP / 792pcs per 40' HC |



| Electrical Characteristics       | STC : AM1.5 1000W/m² 25°C |       | NOCT : AM1.5 800W/m² 20°C 1m/s |       | Test uncertainty for Pmax: ±3% |       |                |       |                |       |
|----------------------------------|---------------------------|-------|--------------------------------|-------|--------------------------------|-------|----------------|-------|----------------|-------|
|                                  | LR7-60HTB-500M            |       | LR7-60HTB-505M                 |       | LR7-60HTB-510M                 |       | LR7-60HTB-515M |       | LR7-60HTB-520M |       |
| Module Type                      | LR7-60HTB-500M            |       | LR7-60HTB-505M                 |       | LR7-60HTB-510M                 |       | LR7-60HTB-515M |       | LR7-60HTB-520M |       |
| Testing Condition                | STC                       | NOCT  | STC                            | NOCT  | STC                            | NOCT  | STC            | NOCT  | STC            | NOCT  |
| Maximum Power (Pmax/W)           | 500                       | 373.6 | 505                            | 377.3 | 510                            | 381.0 | 515            | 384.8 | 520            | 388.5 |
| Open Circuit Voltage (Voc/V)     | 43.50                     | 40.84 | 43.70                          | 41.03 | 43.90                          | 41.22 | 44.10          | 41.41 | 44.30          | 41.59 |
| Short Circuit Current (Isc/A)    | 14.63                     | 11.81 | 14.70                          | 11.87 | 14.76                          | 11.92 | 14.82          | 11.97 | 14.88          | 12.01 |
| Voltage at Maximum Power (Vmp/V) | 36.64                     | 33.44 | 36.84                          | 33.62 | 37.04                          | 33.80 | 37.24          | 33.99 | 37.44          | 34.17 |
| Current at Maximum Power (Imp/A) | 13.65                     | 11.19 | 13.71                          | 11.23 | 13.77                          | 11.28 | 13.83          | 11.33 | 13.89          | 11.39 |
| Module Efficiency(%)             | 22.2%                     |       | 22.4%                          |       | 22.6%                          |       | 22.8%          |       | 23.0%          |       |

|                                    |               |
|------------------------------------|---------------|
| Operating Parameters               |               |
| Operational Temperature            | -40°C ~ +85°C |
| Power Output Tolerance             | 0 ~ 3%        |
| Maximum System Voltage             | DC1500V (IEC) |
| Maximum Series Fuse Rating         | 25A           |
| Nominal Operating Cell Temperature | 45±2°C        |
| Protection Class                   | Class II      |
| Fire Rating                        | IEC Class C   |

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Mechanical Loading                |                                      |
| Front Side Maximum Static Loading | 5400Pa                               |
| Rear Side Maximum Static Loading  | 2400Pa                               |
| Hailstone Test                    | 25mm Hailstone at the speed of 23m/s |

|                                 |            |
|---------------------------------|------------|
| Temperature Ratings (STC)       |            |
| Temperature Coefficient of Isc  | +0.050%/°C |
| Temperature Coefficient of Voc  | -0.230%/°C |
| Temperature Coefficient of Pmax | -0.280%/°C |