Hi-MO X10

LR7-72HVH

640~670M

- Suitable for Distribution Market
- Highest efficiency with the best energy generation performance
- TaiRay wafer & BC technology enhances high product reliability
- Smart manufacturing & LONGi product lifecycle standards deliver exceptional product quality

HPBC 2.0 | TaiRay | N-type

30 **30 year** Warranty for Extra Linear Power Output

15 **15 year** Warranty for Materials and Processing

Complete System and Product Certifications

IEC61215, IEC 61730

ISO9001: Quality Management System

ISO14001: Environment Management System

ISO45001: Occupational Health and Safety Management System

IEC62941: Quality System for PV Module Manufacturing



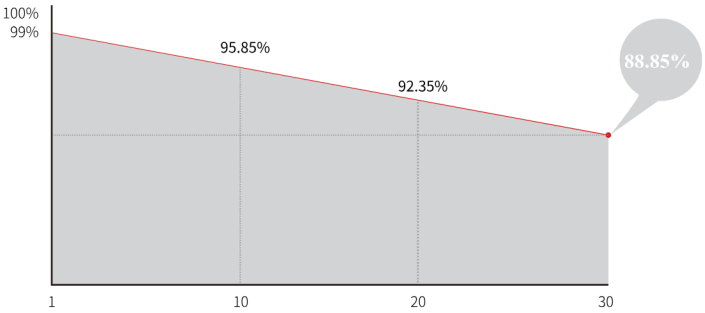
Hi-MO X10

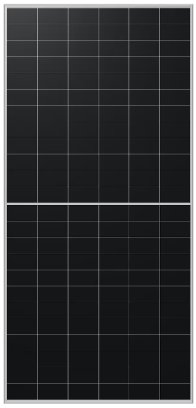
LR7-72HVH

24.8%	0~3%	1%	0.35%	BC-CELL
MAX MODULE EFFICIENCY	POWER TOLERANCE	FIRST YEAR POWER DEGRADATION	YEAR 2-30 POWER DEGRADATION	LOWER OPERATING TEMPERATURE

Additional Value

30 Year Power Warranty

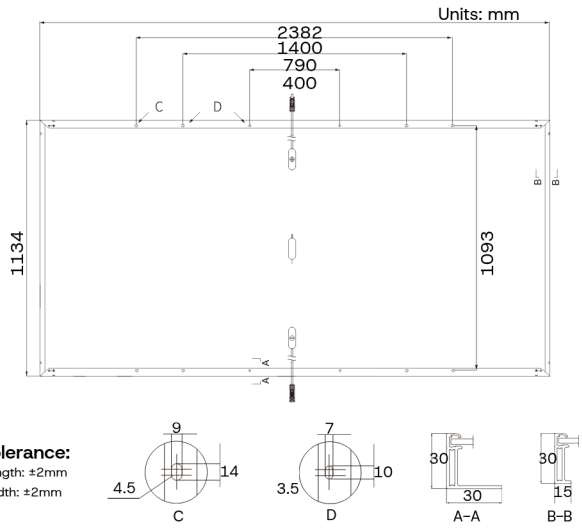






Mechanical Parameters

Cell Orientation	144 (6×24)
Junction Box	IP68, three diodes
Output Cable	4mm2, +400, -200mm/±1400mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	28.5 kg
Dimension	2382×1134×30mm
Packaging	36pcs per pallet / 144pcs per 20' GP / 720pcs per 40' HC



Electrical Characteristics

STC : AM1.5 1000W/m2 25℃ NOCT : AM1.5 800W/m2 20℃ 1m/s Test uncertainty for Pmax ±3%

Module Type	LR7-54HVD-465M	LR7-54HVD-470M	LR7-54HVD-475M	LR7-54HVD-480M	LR7-54HVD-485M	LR7-54HVD-490M
Testing Condition	STC	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	465	470	475	480	485	490
Open Circuit Voltage (Voc/V)	40.20	40.31	40.42	40.53	40.64	40.75
Short Circuit Current (Isc/A)	14.68	14.78	14.88	14.98	15.08	15.18
Voltage at Maximum Power (Vmp/V)	33.18	33.29	33.40	33.51	33.62	33.73
Current at Maximum Power (Imp/A)	14.02	14.13	14.23	14.33	14.43	14.53
Module Efficiency(%)	22.78	23.03	23.27	23.52	23.76	24.01

Operating Parameters

Operational Temperature	-40℃ ~ +85℃
Power Output Tolerance	0 ~ 3%
Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	25A
Nominal Operating Cell Temperature	45±2℃
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%/℃
Temperature Coefficient of Voc	-0.200%/℃
Temperature Coefficient of Pmax	-0.260%/℃

LONGi SOLAR

Specifications included in this datasheet are subject to change without notice. LONGi reserves the right of final interpretation.