Hi-MO S10

LR7-72HJD

660M

T1-SLP-144-660-AS-LONGI

Bifacial
Power Generation

Peak Technology:
Leading-edge HIBC Cell Technology X Multi-Dimensional Efficiency Enhancement Matrix

Value-First:
Efficient Performance Across All Scenarios, Power Output Leads by Over 15W

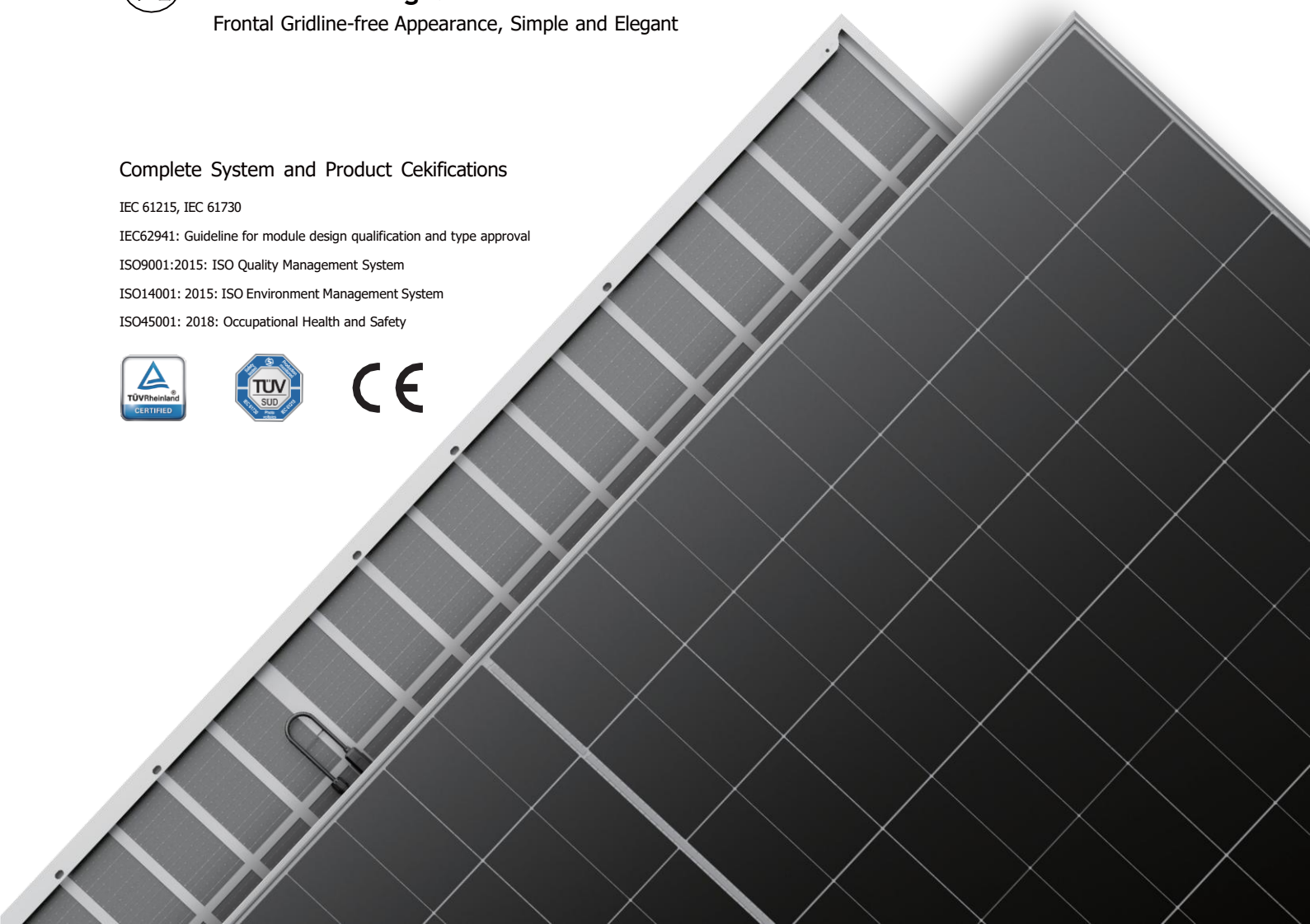
Ultimate Safety:
Reliable Temperature Control Protection, Significantly Reduces Fire Risk

Aesthetic Design:
Frontal Gridline-free Appearance, Simple and Elegant

HIBC TaiRay N-type

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

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



Complete System and Product Cekifications

IEC 61215, IEC 61730

IEC62941: Guideline for module design qualification and type approval

ISO9001:2015: ISO Quality Management System

ISO14001: 2015: ISO Environment Management System

ISO45001: 2018: Occupational Health and Safety

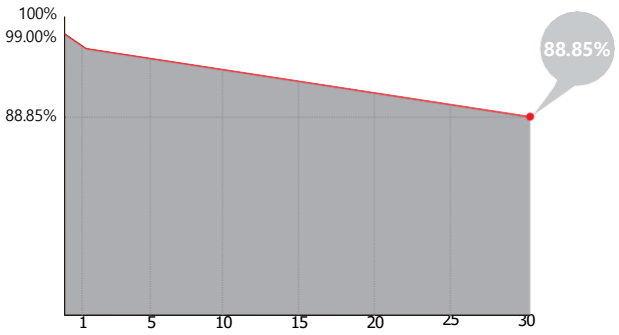
Hi-MO S10

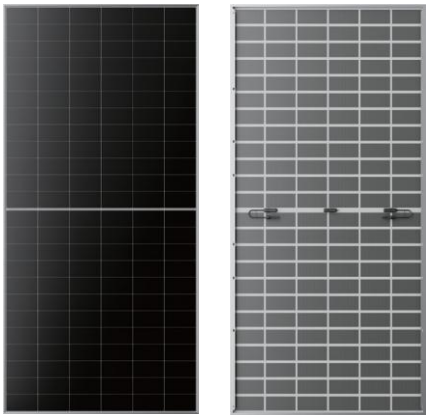
LR7-72HJD 660M

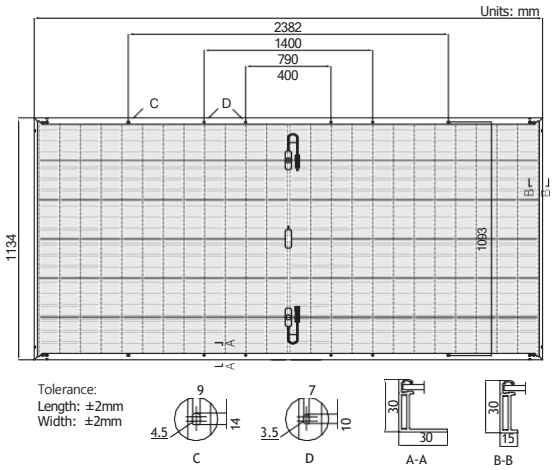
25.40%	0~3%	1%	0.35%	BC-CELL
MAX MODULE EFFICIENCY	POWER TOLERANCE	FIRST YEAR POWER DEGRADATION	YEAR 2-30 POWER DEGRADATION	LOWER OPERATING TEMPERATURE

Additional Value

30-Year Power Warranty







Mechanical Parameters

Cell Orientation	144 (6×22)
Junction Box	IP68, three diodes
Output Cable	4mm²+400/-200mm/±1400mm length can be customized
Glass	Dual glass,2.0+2.0mm semi-tempered glass
Frame	Anodized aluminum alloy frame
Weight	33.5 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℃ Test uncekainty for Pmax: ±3%

Module Type	LR7-72HJD-660M
Testing Condition	STC
Maximum Power (Pmax/W)	660
Open Circuit Voltage (Voc/V)	55.00
Shok Circuit Current (Isc/A)	15.20
Voltage at Maximum Power (Vmp/V)	45.41
Current at Maximum Power (Imp/A)	14.53
Module Efficiency(%)	24.40

Operating Parameters

Operational Temperature	-40℃ ~ +85℃
Power Output Tolerance	0~3%
Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	30A
Nominal Operating Cell Temperature	45±2℃
Protection Class	Class II
Bifaciality	60±5%
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	-0.210%/℃
Temperature Coefficient of Pmax	-0.240%/℃

LONGi SOLAR

Specifications included in this datasheet are subject to change without notice.
LONGi reserves the right of final interpretation. (BGV03 20251203)