

Hi-MO X10

LR7-60HVD (Transparent Design)

520~545M

**Bifacial
Power Generation**



Advanced:

High efficiency with better energy generation.



Value-Added:

Better bifacial performance, gain amplified returns.



Safe:

Anti-shading & TaiRay wafers ensure ultimate safety.



Aesthetic:

Gridless aesthetics adapts to diverse settings.



15-year Warranty for
Materials and Processing



30-year Warranty for
Extra Linear Power Output

Complete System and Product Certifications

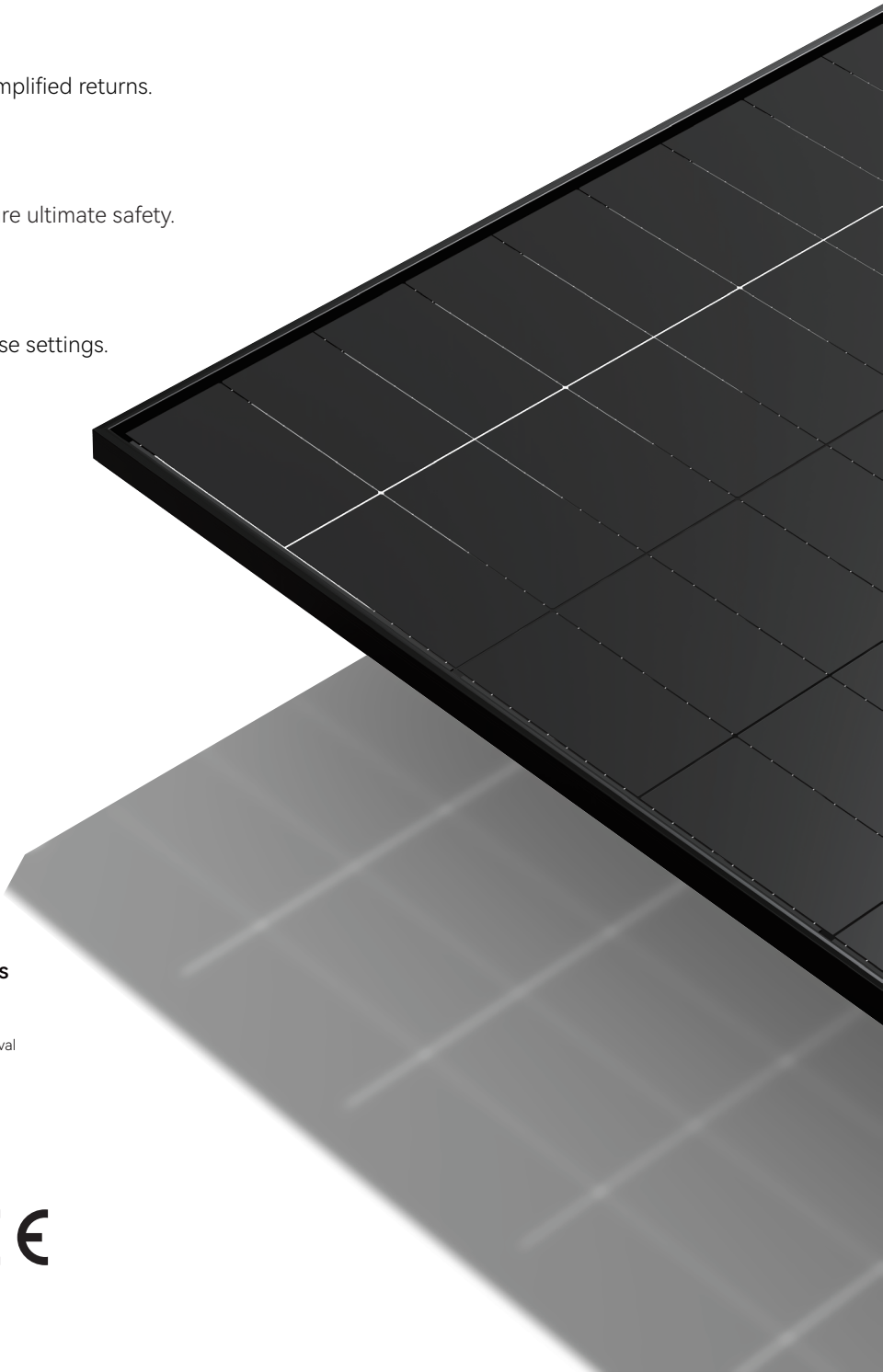
IEC 61215, IEC 61730

IEC62941: Guideline for module design qualification and type approval

ISO9001: Quality Management System

ISO14001: Environment Management System

ISO45001: Occupational Health and Safety



24.15%

MAX MODULE
EFFICIENCY

0~3%

POWER
TOLERANCE

1%

FIRST YEAR
POWER DEGRADATION

0.35%

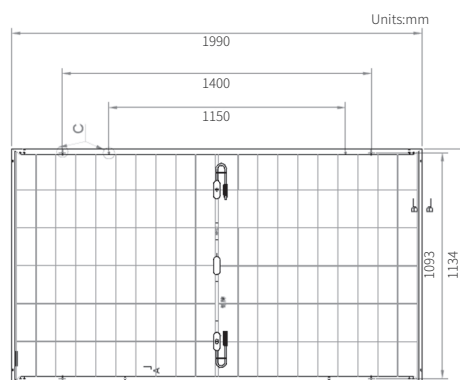
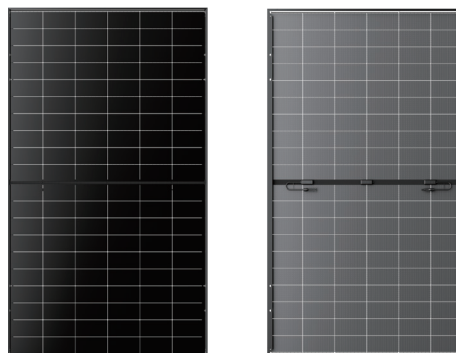
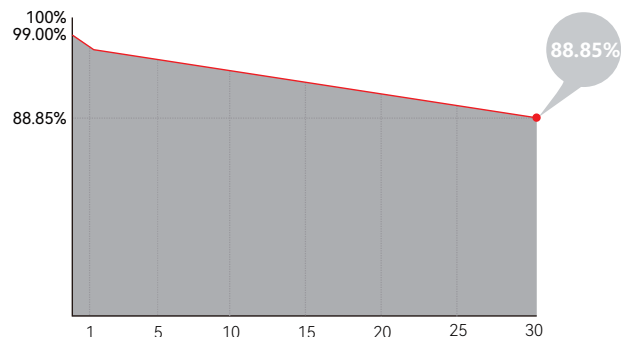
YEAR 2-30
POWER DEGRADATION

BC-CELL

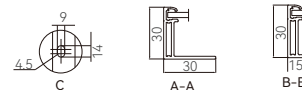
LOWER OPERATING
TEMPERATURE

Additional Value

30-Year Power Warranty



Tolerance:
Length: ±2mm
Width: ±2mm



Mechanical Parameters

Cell Orientation	120 (6×20)
Junction Box	IP68
Output Cable	4mm ² ;+400/-200mm/±1400mm length can be customized
Glass	Double glass 2.0mm semi-tempered glass+2.0mm semi-tempered glass
Frame	Black anodized aluminum alloy frame
Weight	28 kg
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

Test uncertainty for Pmax: ±3%

Module Type	LR7-60HVD-520M	LR7-60HVD-525M	LR7-60HVD-530M	LR7-60HVD-535M	LR7-60HVD-540M	LR7-60HVD-545M
Testing Condition	STC	STC	STC	STC	STC	STC
Maximum Power (Pmax/W)	520	525	530	535	540	545
Open Circuit Voltage (Voc/V)	44.75	44.85	44.95	45.05	45.15	45.25
Short Circuit Current (Isc/A)	14.70	14.80	14.90	15.00	15.10	15.20
Voltage at Maximum Power (Vmp/V)	36.97	37.07	37.17	37.27	37.37	37.47
Current at Maximum Power (Imp/A)	14.06	14.16	14.26	14.36	14.45	14.55
Module Efficiency(%)	23.03	23.26	23.49	23.71	23.93	24.15

Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0~3%
Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	30A
Nominal Operating Cell Temperature	45±2°C
Protection Class	Class II
Bifaciality	70±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%/°C
Temperature Coefficient of Voc	-0.200%/°C
Temperature Coefficient of Pmax	-0.260%/°C