

Hi-MO 9

LONGi
SOLAR

LR9-66HYD

THE **smarter**
AWARD **E**

730~760M

- Products for utility with optimal power generation through the entire lifecycle
- Performance improvement leads to a more than 6.5% power generation gain
- TaiRay wafer & BC technology enhances high product reliability
- Smart manufacturing & LONGi product lifecycle standards deliver exceptional product quality

HPBC
2.0



N-type

30

30 year Warranty for
Extra Linear Power Output

12

12 year Warranty for
Materials and Processing

Complete System and Product Certifications

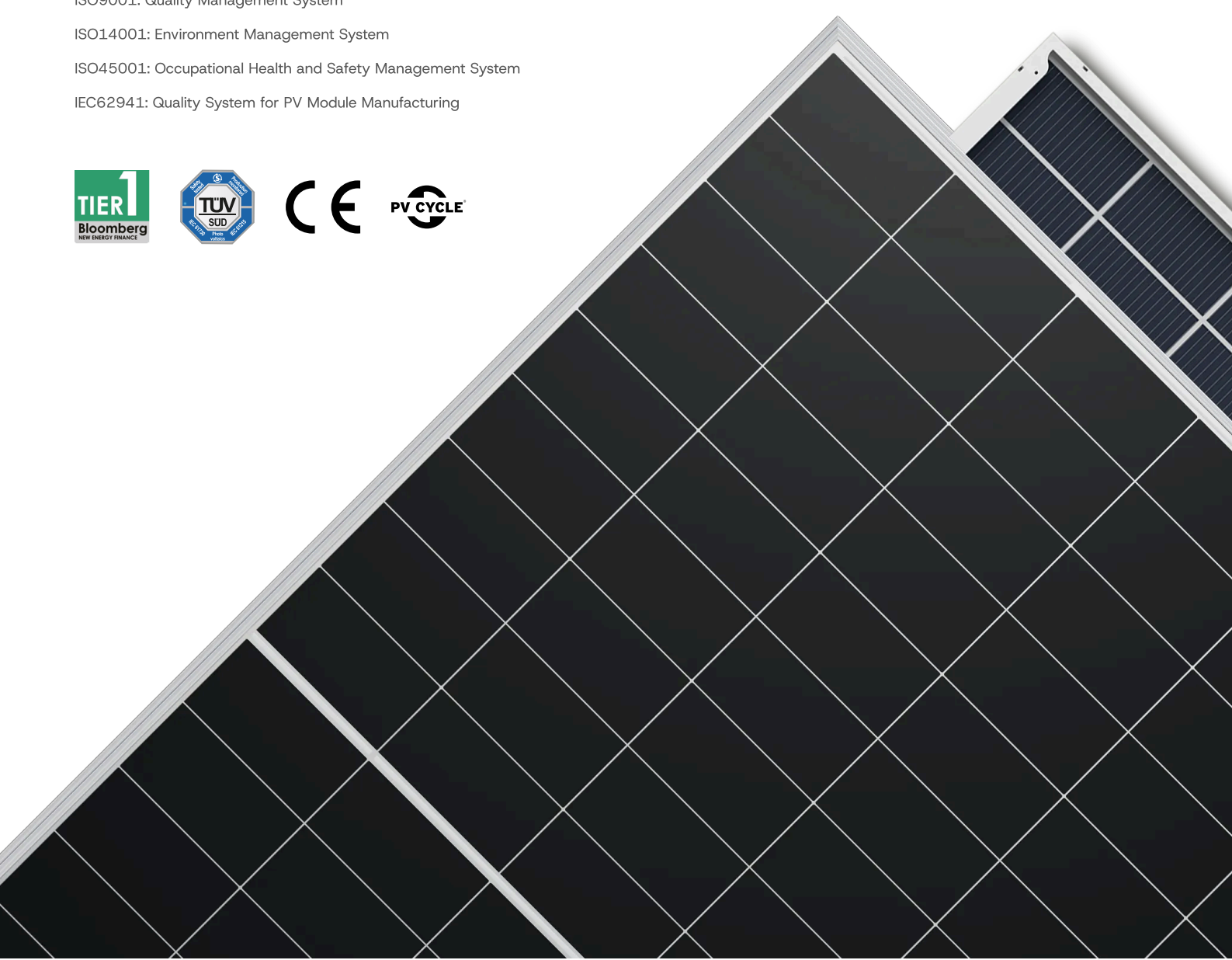
IEC61215, IEC 61730

ISO9001: Quality Management System

ISO14001: Environment Management System

ISO45001: Occupational Health and Safety Management System

IEC62941: Quality System for PV Module Manufacturing



24.47 %
MAX MODULE
EFFICIENCY

0~3%
POWER
TOLERANCE

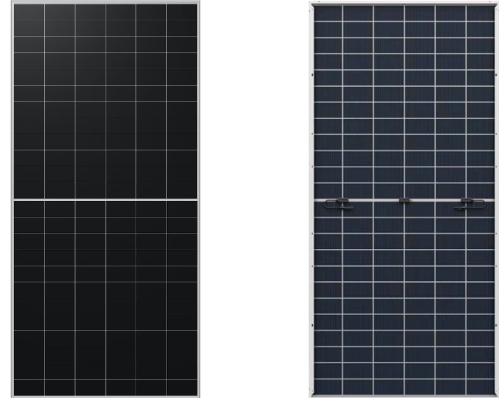
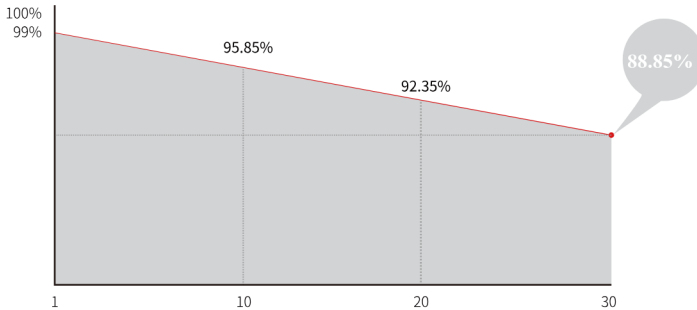
1%
FIRST YEAR
POWER DEGRADATION

0.35 %
YEAR 2-30
POWER DEGRADATION

BC-CELL
LOWER OPERATING
TEMPERATURE

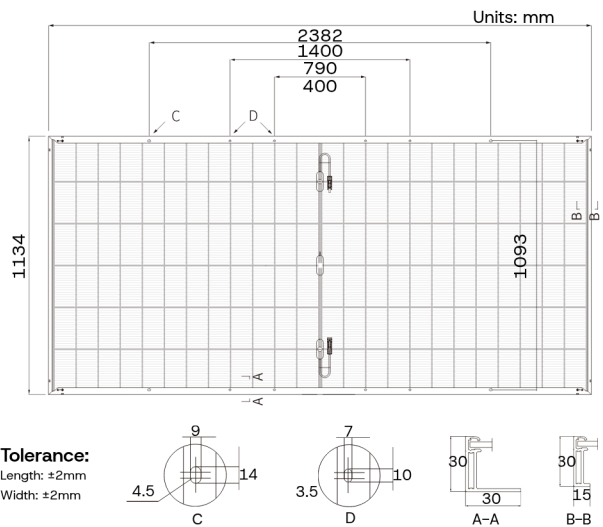
Additional Value

30 Year Power Warranty



Mechanical Parameters

Cell Orientation	132 (6×22)
Junction Box	IP68, three diodes
Output Cable	4mm ² , +400, -200mm/±1400mm length can be customized
Glass	Dual glass, 2.0+2.0mm semi-tempered glass
Frame	Anodized aluminum alloy frame
Weight	38.3 kg
Dimension	2384×1303×33mm
Packaging	33 pcs per pallet / 594 pcs per 40'HC



Electrical Characteristics

STC : AM1.5 1000W/m² 25°C

NOCT : AM1.5 800W/m² 20°C 1m/s

Test uncertainty for P_{max} ±3%

Module Type	LR9-66HYD-730M		LR9-66HYD-735M		LR9-66HYD-740M		LR9-66HYD-745M		LR9-66HYD-750M		LR9-66HYD-755M	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (P _{max} /W)	730	554.8	735	558.6	740	562.4	745	566.2	750	570.0	755	573.8
Open Circuit Voltage (V _{oc} /V)	49.32	46.85	49.42	46.95	49.52	47.04	49.62	47.14	49.72	47.23	49.82	47.33
Short Circuit Current (I _{sc} /A)	18.75	15.00	18.85	15.08	18.94	15.15	19.03	15.22	19.12	15.30	19.22	15.37
Voltage at Maximum Power (V _{mp} /V)	40.58	38.55	40.68	38.65	40.78	38.74	40.88	38.84	40.98	38.93	41.08	39.03
Current at Maximum Power (I _{mp} /A)	17.99	14.39	18.07	14.45	18.15	14.52	18.22	14.58	18.30	14.64	18.38	14.70
Module Efficiency(%)	23.50		23.66		23.82		23.98		24.14		24.31	

Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ 3%
Maximum System Voltage	DC1500V (IEC)
Maximum Series Fuse Rating	35A
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 I _{sc}	+0.050%/°C
Temperature Coefficient of V _{oc}	-0.200%/°C
Temperature Coefficient of P _{max}	-0.260%/°C