

LR5-36HTH

260~280M

- More diverse application scenarios
- Simple design embodies modern style
- Better energy generation performance
- The first choice for green lifestyle



5-year Warranty for
Materials and Processing



5-year Warranty for Extra
Linear Power Output



LR5-36HTH260~280M

21.5%
MAX MODULE
EFFICIENCY

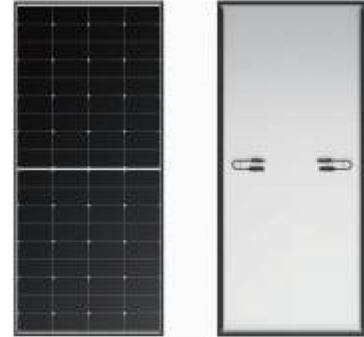
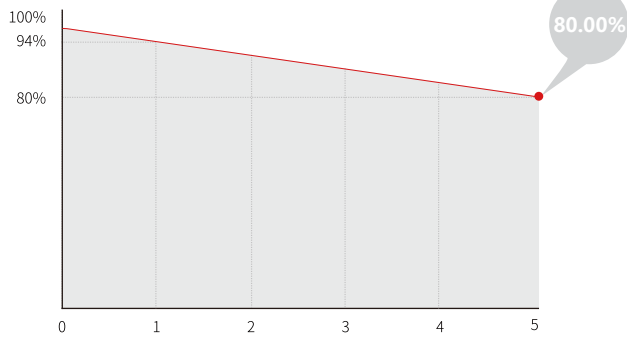
0~3%
POWER
TOLERANCE

<6%
FIRST YEAR
POWER DEGRADATION

3.5%
YEAR 2-5
POWER DEGRADATION

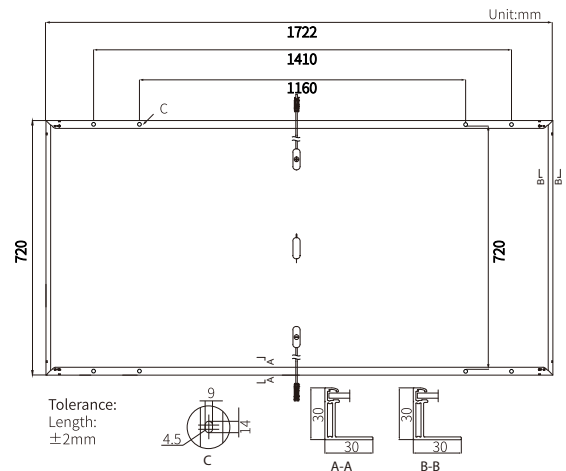
Additional Value

5-Year Power Warranty



Mechanical Parameters

Cell Orientation	
Junction Box	IP68
Output Cable	4mm ² , ±1200mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Frame	Composite frame
Weight	13kg
Dimension	1722×767×30mm
Packaging	36pcs per pallet/216pcs per20GP/936pcs per40'HQ



Electrical Characteristics

STC : AM1.5 1000W/m² 25°C

NOCT : AM1.5 800W/m² 20°C 1m/s

Test uncertainty for Pmax: ±3%

Module Type	LR5-36HTH-260M		LR5-36HTH-270M		LR5-36HTH-275M		LR5-36HTH-280M	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax/W)	260	194	270	201	275	206	280	209
Open Circuit Voltage (Voc/V)	25.20	23.66	25.51	23.95	26.66	24.09	25.82	24.24
Short Circuit Current (Isc/A)	13.32	10.76	13.66	11.04	13.83	11.17	14.00	11.31
Voltage at Maximum Power (Vmp/V)	21.11	19.26	21.36	19.49	21.50	19.61	21.63	19.73
Current at Maximum Power (Imp/A)	12.32	10.08	12.64	10.34	12.79	10.47	12.32	10.60
Module Efficiency(%)	20.5		21.0		21.3		21.5	

Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ 3%
Maximum System Voltage	DC1000V (IEC/UL)
Maximum Series Fuse Rating	22A
Nominal Operating Cell Temperature	45±2°C
Protection Class	Class II
Fire Rating	UL Type 1 or 2 IEC Class C

Temperature Ratings (STC)

Temperature Coefficient of Isc +0.050%/°C

Temperature Coefficient of Voc -0.230%/°C

Temperature Coefficient of Pmax -0.280%/°C