For Technicians Only

LR5-28HTH
225M

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

5 5-year Warranty for Materials and Processing

5 5-year Warranty for Extra Linear Power Output

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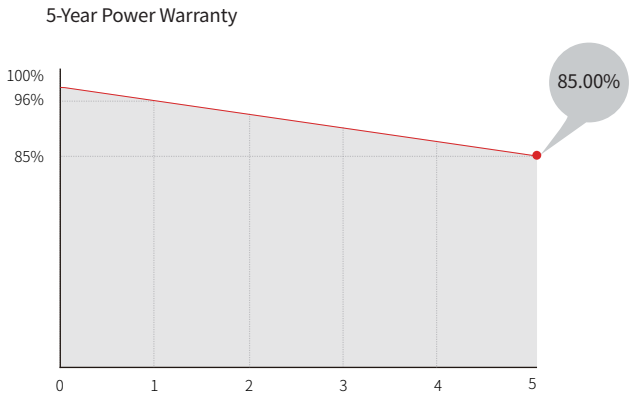
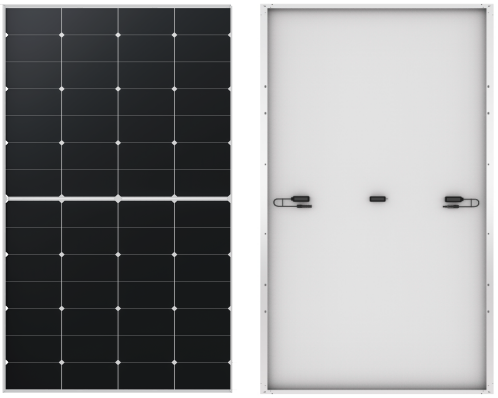
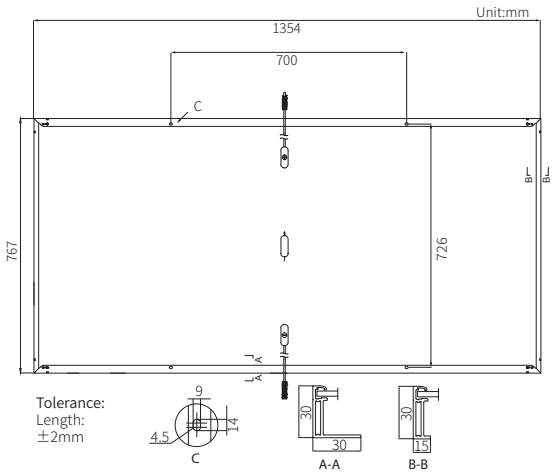
21.6%	0~3%	<4%	2.75%
MAX MODULE EFFICIENCY	POWER TOLERANCE	FIRST YEAR POWER DEGRADATION	YEAR 2-5 POWER DEGRADATION

Additional Value







Mechanical Parameters

Cell Orientation	56 (4×14)
Junction Box	IP68，split type
Output Cable	4mm², ±1200mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	12.1kg
Dimension	1354×767×30mm
Packaging	80 pcs per 3pallet / 1280pcs per 40' HC

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	LR5-28HTH-225M	
Testing Condition	STC	NOCT
Maximum Power (Pmax/W)	225	168
Open Circuit Voltage (Voc/V)	20.50	19.24
Short Circuit Current (Isc/A)	14.10	11.39
Voltage at Maximum Power (Vmp/V)	17.24	15.73
Current at Maximum Power (Imp/A)	13.06	10.69
Module Efficiency(%)	21.60%	

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