

LONGI

Horizon Off-grid Solar Panel

LR5-28HTH-225M

Light Up Home
In A Better Way

Smaller, Stronger
Does it all

New type
New design
New lifestyle

Complete System and
Product Certifications

IEC 61215, IEC 61730, UL 61730

ISO 9001:2008:ISO Quality Management System

ISO 14001:2004:ISO Environment Management System

TS62941:Guideline for module design qualification and
type approval

OHSAS 18001:2007 Occupational Health and Safety

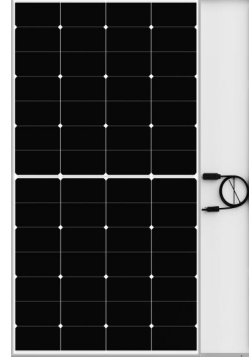
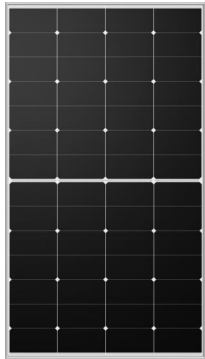


LONGI



**Higher**
Power Generation**Longer**
Service Life**Stronger**
Module Durability**Higher**
Safety Factor

Choose Your LONGi Horizon, Discover a Boundless Future



Using Tips:

- Clean the Surface Frequently
- Set Under Straight Light For Best Power Generation
- Caution wet

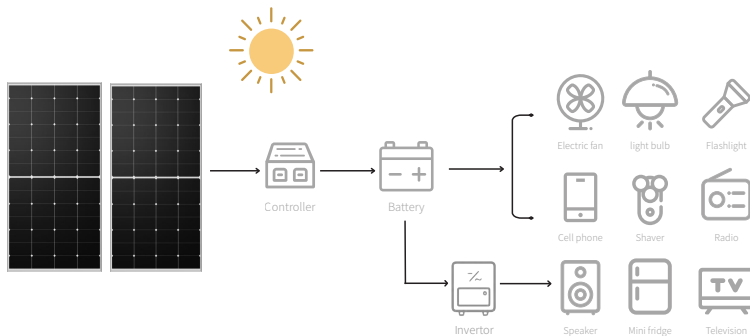
Mechanical Parameters

Junction Box	IP68, two diodes
Output Cable	4mm ² , 1200mm length can be customized
Glass	Single glass, 3.2mm coated tempered glass
Weight	12.1kg
Dimension	1354×767×30mm
Max Generating Power	225W

Operating Parameters

Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0 ~ +5 W
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

High Power Generation Ability



- First-year power generation: 657*kWh.
- Five years of cumulative power generation: 3022*kWh
- Light a bulb* for 24-30 Hours;
- Work a electric fan* for 20 Hours.

* The calculation is based on the theoretical calculation value of two LONGi Horizon modules in STC Condition;
 *30W LED bulb; *45W household electric fan;

For all the reasons to choose Horizon

**High-Efficiency power generation**
to make every ray of light packed with energy**Power Generation Around the Clock,**
Grabbing Lights under All Conditions**Uncompromised Quality**
Extended warranty for safety and durability**Suitable for multi-Application scenarios**
Flexible, Limitless, One For All