



# 72-cell Dual Glass Module 300-405W LYD72P

## MORE POWER



Power generated on both sides  
up to 30% yield increasing



Great heat dissipation by  
replacing backsheet with glass  
to increase power generation

## MORE RELIABLE



Fully symmetrical structure  
to prevent micro crack



PID free by  
frameless design



Encapsulate with PVB,  
lower water permeability,  
to avoid delamination



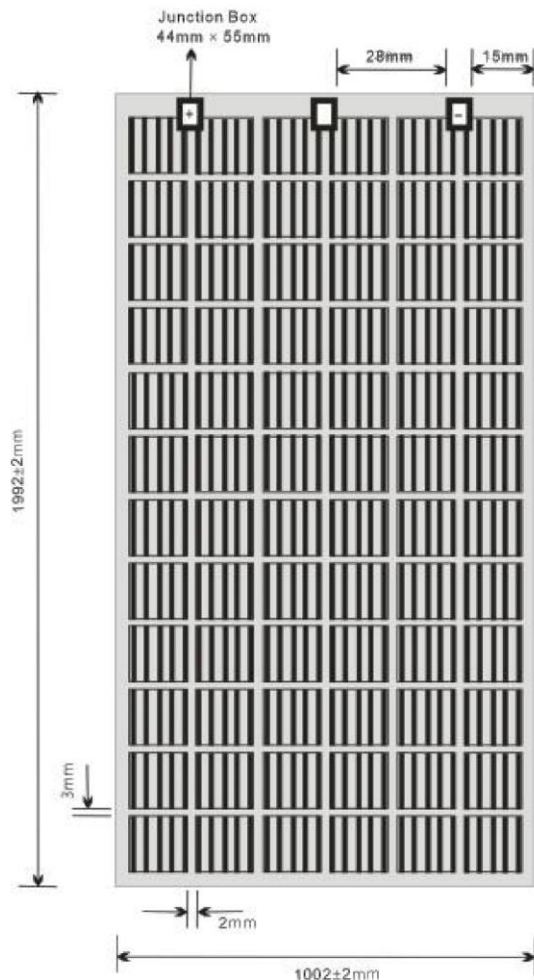
linear power output warranty



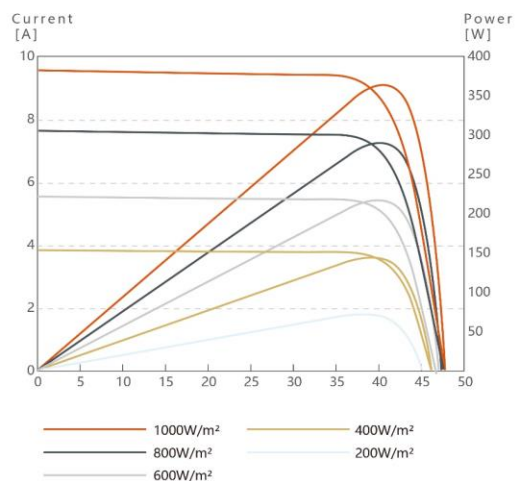
product warranty on materials

**LONGYIN PHOTOVOLTAIC** is a scientific and manufacturing of photovoltaic modules and glass, providing BIPV double glass modules(PVB film), PVB colored laminated glass and glass deep processing products. LONGYIN PHOTOVOLTAIC committed to manufacture high quality solar photovoltaic products and related materials.

# LYD72P



## LYD72P-370 I-V & P-V Curve



## ELECTRICAL SPECIFICATION(STC)

Module	300	320	325	370	405
Rated Power(Pmpp) W	300	320	325	370	405
Power Output Tolerance(W)	0~+5				
Rated Current(Imp) (A)	8.43	8.59	8.63	9.25	10.29
Rated Voltage(Vmp) (V)	35.6	37.3	37.7	39.1	39.5
Short Circuit Current(Isc) (A)	9.15	9.23	9.25	9.76	10.80
Open Circuit Voltage(Voc) (V)	45.6	46.3	46.5	47.9	48.9
Operating Temperature	-40°C ~ +85°C				
Maximum Static Load	5400Pa				
Maximum Wind Load	2400Pa				
Maximum System Voltage	1500V				
Maximum Series Fuse Rating	20A				

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5.

## MECHANICAL SPECIFICATION

Cell Type	Monocrystalline bifacial cells
Cell Orientation	158.75mm × 158.75mm
Module Dimensions	1992±2mm × 1002±2mm × 7mm ( J-box not included )
Weight	30.5kg
Front Glass	3mm tempered glass
Back Glass	3mm tempered glass
Junction Box	Ip67 (three bypass diodes)
Cable	4mm <sup>2</sup>
Cable Length	positive pole +50mm negative pole -30mm
Connector	Mc4 / MC4 equivalent

### \* Declaration:

The technical specifications in this document may be slightly biased and LONGYIN does not guarantee its complete accuracy.

Due to continuous technological innovation and product optimization, LONGYIN reserves the right to adjust the specification in this document at any time without prior notice.

When signing a contract, the client should obtain the latest product data-sheet as part of a binding contract.