



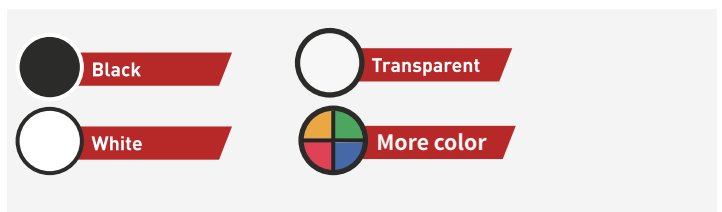
BIPV Building Integrated Photovoltaic

LYD24P-B120



Product Characteristics

- **Solar cell module and building integration**
- **Used for roofs, curtain walls, doors and windows**
- **Meet the routine lighting needs, and provide clean and environmentally friendly power**



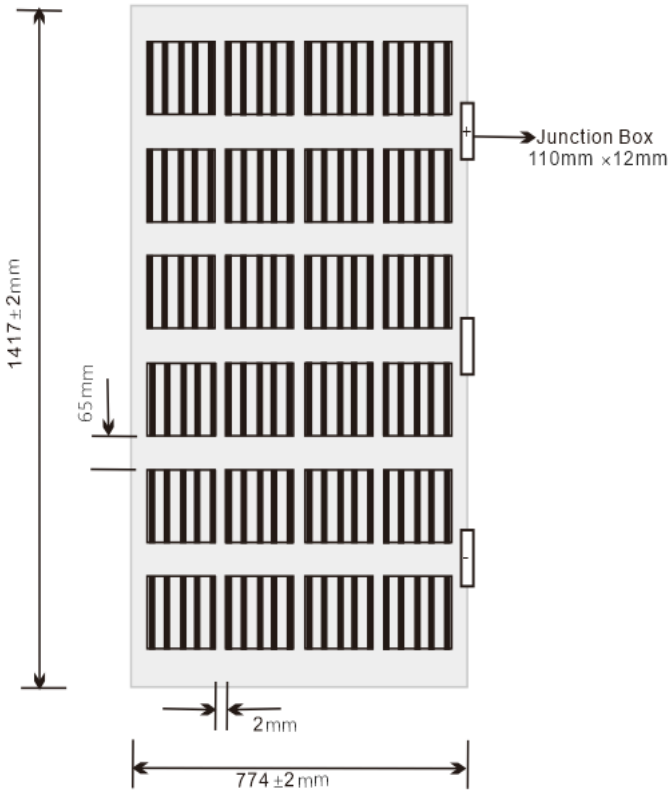
linear power output warranty



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.

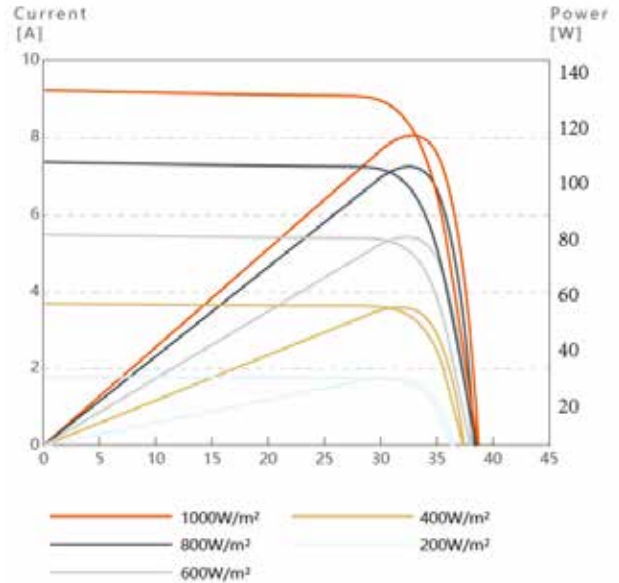
LYD24P



MECHANICAL SPECIFICATION

Cell Type	Bifacial cells
Cell Orientation	$156.75\text{mm} \times 156.75\text{mm}$
Module Dimensions	$1417\text{mm} \times 774\text{mm} \times 17\text{mm}$ (J-box not included)
Weight	45.8kg
Front Glass	8mm tempered glass
Back Glass	8mm tempered glass
Junction Box	Ip67 (three bypass diodes)
Cable	2.5mm^2
Cable Length	positive pole +50mm negative pole -50mm
Connector	Mc4 / MC4 equivalent

LYD24P-B120 I-V & P-V Curve



ELECTRICAL SPECIFICATION(STC)

Module	LYD24P-B120
Rated Power(Pmpp) W	120
Power Output Tolerance(W)	0~+3
Rated Current(Imp) (A)	7.98
Rated Voltage(Vmp) (V)	15.08
Short Circuit Current(Isc) (A)	8.52
Open Circuit Voltage(Voc) (V)	17.78
Efficiency(%)	11.0
Operating Temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Maximum Static Load	5400Pa
Maximum Wind Load	2400Pa
Maximum System Voltage	1500V
Maximum Series Fuse Rating	20A

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

* 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.