

## P-G/0.6-L/JS-0.9-2-C-Z Balcony Solar Water Heater



### Description:

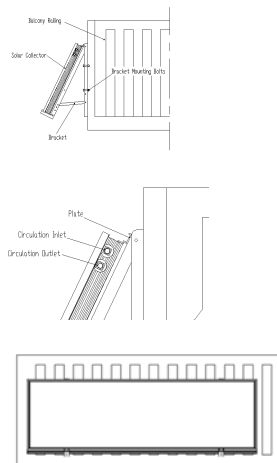
Balcony solar water heater is made up of heat receiver, transparent cover plate, insulating layer, shell and so on. As an experienced manufacturer, our products are popular worldwide due to its high performance and competitive price.

Vanward is devoted to be the leading producer of solar water heater for customer.

### Features:

1. The thickness of main part's frame is 1.2mm.
2. The absorber plate adopts German BlueTec, and its absorption ratio is  $\geq 95\%$  and emission ratio  $\leq 5\%$
3. Absorber plate uses the advanced laser welding method with even and solid welding points.
4. Cover plate adopts super white tempered glass, and air tightness  $\geq 91\%$ .
5. High heat property,  $\eta_{oa}=0.701$ ,  $a_{1a}=3.91W/(m^2.k)$ ,  $a_{2a}=0.027W/(m^2.k2)$
6. Insulation layer uses drying technology to avoid water vapor when using it.
7. Flow channel adopts purple copper tube and good welding, thus it can withstand work pressure 600KPa.
8. Our balcony solar water heater has been certificated by Solar Keymark.

### Diagram:



Pic. 1 Balcony/Wall-hung Solar Collector

### Specifications of balcony solar water heater:

Outline Dimension	1300mm×820mm×92mm
-------------------	-------------------

---

Absorber Thickness	0.3mm
Cover	3.2mm
Bottom Insulation	45mm
Side Insulation	15mm
Header Tube	Φ22×0.5mm
Branch Pipe	Φ8×0.6mm
Stagnation Temperature	145.6℃
Collector Area	1.1m <sup>2</sup>
Aperture Area	0.92m <sup>2</sup>
Liquid Capacity	1.4L
Max. Operation Pressure	600KPa
Net Weight	25kg