

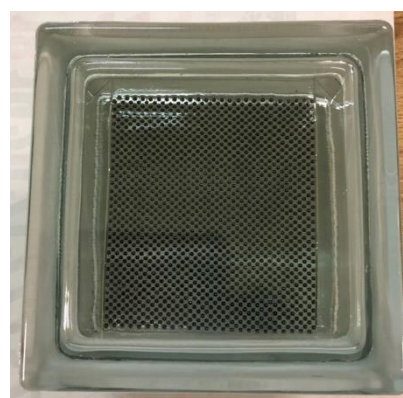
## 1. Abstract

- The SPHELAR® Glass Block is a solar cell glass block with a built-in module in which the SPHELAR® cell array is laminated and fixed on a thin plate glass with a shield film inside the translucent glass block.



## 2. Mechanical data

- 1) Block size (L×W×H) L145×W145×H80mm
- 2) Weight 1.7kg
- 3) SPHELAR® module configuration
  - Cell size  $\phi$ 1.5mm
  - Cell counts/block 2,178 pieces
- 4) Heatproof temperature 110°C
- 5) Aperture ratio 29.9%



## 3. Electrical performance

Output characteristics under standard conditions

(AM1.5, 1,000W / m<sup>2</sup>, ambient temperature 25 ° C, backside non-reflection)

Item	Sign	Min.	Typ.	Max.	Unit
Maximum output	Pmax	263.3	279.6	295.3	mW
Optimal operating current	Ipm	9.9	10.5	11.0	mA
Optimal operating voltage	Vpm	26.5	26.7	27.0	V
Short current	Isc	11.3	11.8	12.2	mA
Open voltage	Voc	33.9	34.2	34.5	V

### Remark

Specifications are subject to change without notice.

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