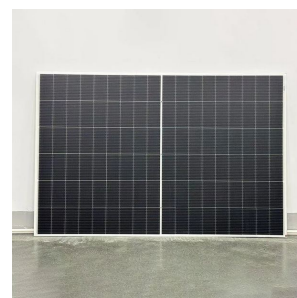


Balcony Lightweight Modules

Lightweight PV Module

CTM over 95%, 5400 Pa mechanical load tested, hail tested — light enough for one person to hang on a railing.

Balcony solar is the fastest-growing distributed segment in Europe and the one with the least tolerance for weight. The module is installed by the occupant, hung on a railing that was never structurally assessed, over a public footpath.



Key characteristics

CTM above 95%	Very little of the cell power is lost between cell and module, which matters on a format where total area is fixed by the size of the railing.
Damp-heat performance	1× IEC power attenuation under 3%; 2× IEC power attenuation under 4%.
5400 Pa mechanical load tested	Power loss under 5% at full mechanical load test.
Hail tested	No major visual defects after the hail test, with leakage current insulation testing carried out afterwards.

Packaging scheme

- KPC / CDPC / CPC + HD-SG (back panel)
- ETFE (front film) + HD-PGR (anti-cracking film) + HD-SG-P (back plate)
- PF (water blocking front film) + HD-PGR (anti-cracking film) + HD-SG-P (back plate)

Applications

- Residential balconies
- Distributed and plug-in photovoltaics
- Railing and façade mounting

Enquiries

Quotations, full datasheets and certificates are issued against a product code and a destination market. Write to info@hondolsolar.com with the cell technology, the module construction, the annual volume and the destination market.

All values are as published by the manufacturer. Tolerances, roll formats and electrical data are confirmed in writing per order. Suzhou Hondol New Material Co., Ltd. No.518, Xinzhen Road, Tong'an Town, SND, Suzhou, Jiangsu, China. PT. Hondol Material Indonesia, Samara Industrial Park, Batam, Kepulauan Riau, Indonesia.