

C&I Distributed Lightweight Modules

Lightweight PV Module

Up to 23.0% deliverable efficiency in a module light enough for a roof that was surveyed as non-load-bearing.

Industrial roofs are where distributed PV should be built and mostly is not. The survey comes back saying the deck will not take the load, the owner will not accept drilling, and the project is dead before the yield model is even opened.



Key characteristics

N-type ABC construction up to 23.0% deliverable efficiency	Power attenuation $\leq 1\%$ in the first year and $\leq 0.35\%$ a year thereafter.
12-year product warranty and 25-year power warranty	On the n-type ABC construction.
Temperature coefficient of $-0.26\%/^{\circ}\text{C}$	Better field behaviour on a hot roof, where a lightweight module on a steel deck runs warm by definition.
N-type lightweight rigid version at 22.6%	N-type wafers with SMBB technology, where multi-busbar construction improves optical utilisation.
Specified for low-load roofs	Higher system generation and superior low-light performance make it the intended choice wherever structural capacity is the limiting factor.

Packaging scheme

- 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

- Distributed roofs
- Industrial and commercial roofs
- Agricultural greenhouses

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.