

PEG[®] EW HL

PEG with additional support for high wind and snow loads



The HL (High Load) version of the PEG includes additional support under the middle of the long edges of the modules, to withstand high loads at sites with extreme wind and snow.

This design has two version, HL Snow and HL Wind .

Approved Module loads:

>600 Wp (>3 m²): up to ±1600 Pa

500 – 600 Wp (~2,58 m²): up to ±2400 Pa

<500 Wp (<2,3 m²): up to +5400 Pa -2400 Pa

The maximum module load is subject to approval by the module manufacturer.

HL Snow (HL)	HL Wind (HL+Clip)
Additional rods in the middle of the module long edges, without Additional clamps	Additional rods and clamps in the middle of the module's long edges
For sites with extreme snow loads	For sites with extreme wind (and snow loads)

Indicative maximum loads up to which the PEG EW could be implemented with few optional modules:

HL Snow (HL)

ASCE Code	Eurocode
50 psf snow load (550 Wp panel)	1,7 kN/m ² snow load (550 Wp panel)
100 psf snow load (smaller panels)	3 kN/m ² snow load (smaller panels)

HL Wind (HL+Clip)

ASCE Code	Eurocode
Up to 190 mph (305 km/h) (550 Wp panels)	40 m/s wind (550 Wp panel)
Up to 200 mph (322 km/h) (smaller panels)	45 m/s wind (smaller panels)

Higher loads might be approved project-specific