

TONGWEI's PV MODULE CLAMPS

INSTALLATION STATEMENT

(For Australia and New Zealand Market)

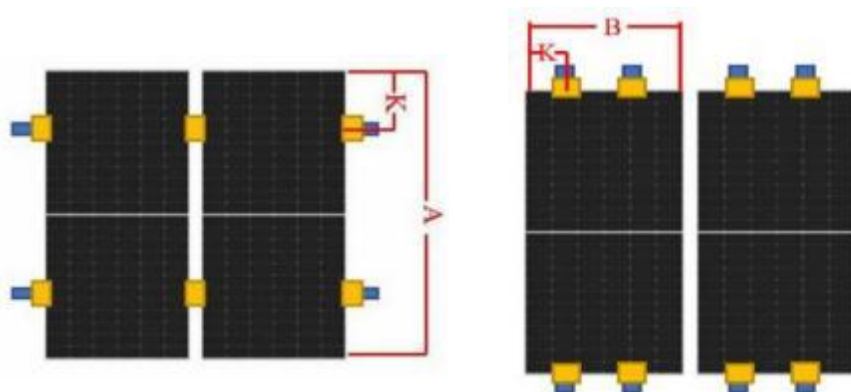
To whom it may concern,

We (Tongwei Solar Co., Ltd.) hereby declare that our PV modules are approved for installation using a **four-clamp symmetrical mounting configuration on two cross panel purlins**, subject to the conditions stated below.

Please note: Installation shall comply with all relevant Tongwei Solar installation guidelines and warranty conditions. This statement is provided for mechanical installation reference only and does not replace project-specific structural engineering design, certification, or compliance assessment.

Approved Mounting Configuration

- Mounting method: Four-clamp symmetrical installation
- Support structure: Two cross panel purlins
- Minimum clamp length: 40 mm
- Minimum distance (K) between clamps center and the edge: 1/2 Clamps' Length
- Minimum clamp-to-frame overlap: 10 mm
- Number of clamps: 4
- Module orientation: Portrait / Landscape (as applicable)
- Clamp position: Within the approved clamping range specified below



Four-Clamp Installation Method Illustration

Maximum allowable Mechanical Test Load Capacity

1. The test loads for the TWMNH-48HW/HD/HE/HC ($1762 \times 1134 \times 30\text{mm}$) are as follows:

Purlins Position	K Value- Clamps Position (From The Edge)	Maximum Positive Load (Downward)	Maximum Negative Load (Uplift)
Crossing The Long Edge	$<200\text{mm}$	+1200Pa	-1000Pa
	200mm~300mm	+2400Pa	-1800Pa
	300mm~400mm	+4800Pa	-2200Pa
	400mm~500mm	+5000Pa	-2400Pa
	500mm~650mm	+2400Pa	-1600Pa
Crossing The Short Edge	$<100\text{mm}$	+1200Pa	-1000Pa
	100mm~240mm	+1600Pa	-1200Pa
	240mm~360mm	+1400Pa	-1200Pa

2. The test loads for the TWMNH-54HD ($1961 \times 1134 \times 30\text{mm}$) are as follows:

Purlins Position	K Value- Clamps Position (From The Edge)	Maximum Positive Load (Downward)	Maximum Negative Load (Uplift)
Crossing The Long Edge	$<200\text{mm}$	+1200Pa	-1000Pa
	200mm~300mm	+2400Pa	-1600Pa
	300mm~400mm	+4800Pa	-2200Pa
	400mm~500mm	+5000Pa	-2200Pa
	500mm~750mm	+2400Pa	-1600Pa
Crossing The Short Edge	$<100\text{mm}$	+1200Pa	-1000Pa
	100mm~240mm	+1600Pa	-1200Pa
	240mm~360mm	+1400Pa	-1200Pa

3. The test loads for the TWMNH-66HD (2382×1134×30mm) are as follows:

Purlins Position	K Value- Clamps Position (From The Edge)	Maximum Positive Load (Downward)	Maximum Negative Load (Uplift)
Crossing The Long Edge	300mm~480mm	+2000Pa	-1600Pa
	480mm~550mm	+5400Pa	-2000Pa
	550mm~700mm	+1600Pa	-1400Pa

Sincerely,
Tongwei Solar Co., Ltd.
Technical Support Department

Date: 09/06/2026