

Compatible Panel Size Group

Reference module: PS-MNB144(HCBF)-600W

OVERVIEW

The panels listed below fall within the compatible size range for bundled Sinclair racking systems. This list is for reference only — customers should compare their specific panel dimensions against these models to confirm compatibility.

Dimensional tolerances applied:

- Length 89.69" ± 1.5"
- Width 44.65" ± 1.0"

CLAMP SELECTION — IMPORTANT

Panel thickness varies across models in this group (30mm / 35mm). Only end clamps are affected by panel thickness — mid clamps are not. The correct end clamp must be confirmed and specified on the Sinclair Bill of Materials before ordering.

Action required: verify panel thickness against the manufacturer's datasheet before finalising the BOM.

COMPATIBLE PANELS

PART NUMBER	MANUFACTURER	LENGTH	WIDTH	THICK. *
144HC585	Heliene Solar	89.72"	44.65"	35mm
CANADIAN SOLAR CS6W (520-550W)	Canadian Solar	89.20"	44.60"	35mm
CANADIAN SOLAR CS6W (565-590W)	Canadian Solar	89.70"	44.60"	30mm
CWT550-144PMB10	CW Energy	89.69"	44.65"	35mm
JAM72D30 MB (525-550W)	JA Solar	89.96"	44.60"	35mm
JA Solar JAM72D40 MB (570-595W)	JA Solar	89.68"	44.60"	30mm
JINKO EAGLE 72-G5B (525-545W)	JINKO	89.68"	44.60"	35mm
JINKO EAGLE 72-G6B (570-590W)	JINKO	89.68"	44.60"	30mm
JINKO TIGER NEO JKMxxxN-72HL4-BDV (560-580W)	JINKO	89.68"	44.60"	30mm
PS-M144(HCBF)-550W	Philadelphia Solar	89.96"	44.61"	30mm
PS-MNB144(HCBF)-580W	Philadelphia Solar	89.69"	44.65"	30mm
PS-MNB144(HCBF)-600W	Philadelphia Solar	89.69"	44.65"	30mm
SEG-(580-600)-BTA-BG_182_EN	SEG Solar	89.68"	44.60"	30mm

* **Thickness:** Verify panel thickness via the manufacturer's datasheet. End clamp selection on the Sinclair BOM must match the verified thickness. No responsibility is accepted for racking incompatibility arising from unverified panel thickness. Highlighted row denotes the reference module.