

Compatible Panel Size Group

Reference module: PS-MNB108(HCBF)-445-460W

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 67.75" ± 1.5"
- Width 44.60" ± 1.0"

CLAMP SELECTION — IMPORTANT

Panel thickness varies across models in this group (30mm / 35mm / 40mm). 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. *
CANADIAN SOLAR CS6R (380-405W)	Canadian Solar	67.80"	44.60"	30mm
CWT410-108PMFB10	CW Energy	67.80"	44.65"	30mm
CWT450-108TNB10	CW Energy	67.80"	44.64"	30mm
HY-DH108P8B-400	Hyperion Solar	67.80"	44.65"	30mm
HY-DH108P8B-405	Hyperion Solar	67.80"	44.65"	30mm
JAM54D30-405/MB	JA Solar	68.00"	44.60"	35mm
JA Solar JAM54D41MB (415-440W)	JA Solar	67.80"	44.60"	30mm
PS-MNB108(HCBF)-425-440W	Philadelphia Solar	67.76"	44.61"	30mm
PS-MNB108(HCBF)-445-460W	Philadelphia Solar	67.75"	44.60"	30mm
Qcell Q.TRON AC DCA_420-440	Qcell	67.80"	44.60"	40mm
Qcell Q.TRON BLK M-G2+ DCA_420-440	Qcell	67.80"	44.60"	30mm
SEG-(425-445)-BTD-BG (Full Black)	SEG Solar	67.80"	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.