

Characteristics Chart

Type	Sunling	Sunling
Pmax	6.5 Watt	12 Watt
Rating tolerance	+/- 15%	+/- 15%
Origin	U.S.A.	U.S.A.
Module efficiency	7.80%	6.50%
Cell manufacturer	Global Solar Energy	Global Solar Energy
Cell type	CIGS	CIGS
Cell shape	Rectangular	Rectangular
Cell efficiency	9.70%	9.70%
Cells per Module	40 1/4-cells	40 1/2-cells
Price	\$99.00 MSRP	\$195.00 MSRP
Delivery time	3-5 days	3-5 days
Power guarantee	80%	80%
Product guarantee	1 Year limited	1 Year limited
Produced from	2005	2005
Produced until	currently	currently
Approvals	CE, RoHS	CE, RoHS
Length unfolded	29.5" (749 mm)	29.5" (749 mm)
Width unfolded	9" (229 mm)	18" (457 mm)
Thickness unfolded	no frame: .03" (0.762mm)	no frame: .03" (0.762mm)
Thickness with box	3.15" (80 mm) includes cable accessories	3.15" (80 mm) includes cable accessories
Module Folded	5" x 9" (127mm x 229mm)	5" x 9" (127mm x 229mm)
Thickness Module Folded	.03" (.762mm)	.03" (.762mm)
Frame type	n/a: foldable format	n/a: foldable format
Composition	Rip-Stop Nylon	Rip-Stop Nylon
Connection type	plug'n'play adapters	plug'n'play adapters
Weight	7 ounces or 200 grams	11 ounces or 312 grams
Voc	15.6 V	15.6 V
Isc	.5a	1.0a
Voc at -10C°	15.6 V	15.6 V
Vmpp at 70C°	12.8 V	12.8 V
Coefficient of voltage	-0.49%/C relative to 25C	-0.49%/C relative to 25C
Coefficient of VOC	-0.39%/C relative to 25C	-0.39%/C relative to 25C
Coefficient of current	-0.13%/C relative to 25C	-0.13%/C relative to 25C
Coefficient of power	-0.59%/C relative to 25C	-0.59%/C relative to 25C
NOCT	30 degrees C above ambient	30 degrees C above ambient
Max system voltage EU	12 V	12 V
Max system voltage US	12 V	12 V
Vmpp at 1000W/m2	14 V	14 V
Imp at 1000W/m2	.4a	.8a
Is the module sharp-edged?	No	No
Is the module weather resistant?	Yes	Yes
Is the module break-proof?	Yes	Yes
Is the module flexible?	Yes	Yes

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