

Nanosolar NanoCell



Low weight

Lightweight aluminum structure



Low array mismatch losses

Reduced impact from soiling, clouds, thermal mismatch, etc.



Customizable MWT cell designs

Metal Wrap Through (MWT) screen printing for differentiated aesthetic

Performance

Rated Power	2.6 Watts	
Tolerance ¹	Pmpp	-10% to +10%
	Voc, Isc, Vmpp, Imp	-10% to +10%

Electrical Characteristics at STC²

Module Type	NS NanoCell
Rated Power	2.6
Vmpp (V)	0.45
Imp (A)	5.8
Voc (V)	0.61
Isc (A)	6.7
Temp Coeff Pmax	-0.40 %/K
Temp Coeff Voc	-0.30 %/K
Temp Coeff Isc	+0.01 %/K
Max Sys Voltage	600V UL / 1000V IEC

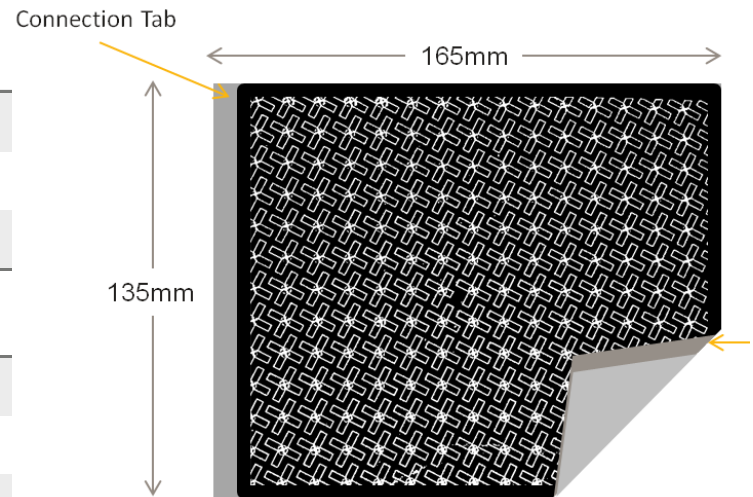
Mechanical Characteristics

Dimensions	Length:	165mm (6.5in)
	Width:	135mm (5.3in)
	Height:	0.4 mm (0.02 in)
Weight	18.5g	
Solar Cells	Print2Power CIGS cells	
Output Cables	NA	
Output Terminal	NA	
Operating Module Temperature	-40 to +85C	
Series Fuse Rating	NA	

¹ - Exclude tester tolerance of +/-3%.

² - Standard Test Conditions (STC): 1000 W/m², 25°C, AM1.5G.

All specifications are subject to change without further notification.



Example Alternate Designs

(Actual cell constructions shown below)

