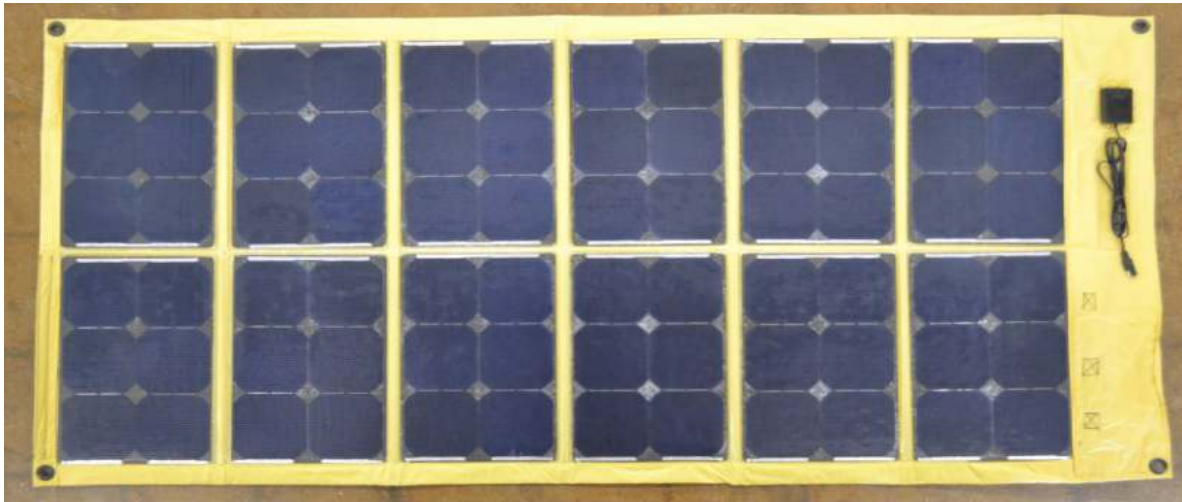


STAR 246 - FOLDABLE SOLAR PANEL



Comprised of 72 SunPower Cells

Electrical Characteristics of Typical Cell at Standard Test Conditions (STC)

STC: 1000W/m², AM 1.5g and cell temp 25°C

Bin	P _{mpp} (Wp)	Eff. (%)	V _{mpp} (V)	I _{mpp} (A)	V _{oc} (V)	I _{sc} (A)
J	3.42	22.5	0.582	5.93	0.687	6.28

All Electrical Characteristics parameters are nominal
 Unlaminated Cell Temperature Coefficients
 Voltage: -1.8 mV / °C Power: -0.32% / °C

Positive Electrical Ground

Modules and systems produced using these cells must be configured as "positive ground systems".

STAR 246 Features

MIL-SPEC 810F Tested

Extremely Lightweight - 15.4 Wp/lb, 16lb Total

Folds for Storage to 18" x 12.5" x 4"

Maintainable & Sustainable - Capable of repair if damaged

Anti-Glare & Camouflage Available

Available for 12V or 24V Battery Charging

Mechanical Parameters

Solar Cells per Module	72
Deployed Dimensions (Length x Width x Depth)	80" x 36" x 0.2" 2032 x 914 x 5 mm
Stowed Dimensions (Length x Width x Depth)	18" x 12.5" x 4" 457 x 318 x 101 mm
Weight	16 lbs / 7.25 kg

NOCT: 48°C

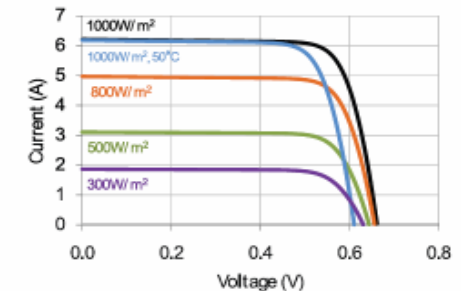
Electrical Parameters

Nominal Power	246
V _{oc} (V)	49.46
V _{mpp} (V)	41.90
I _{sc} (A)	6.28
I _{mpp} (A)	5.93

Temperature
Coefficients:

Power -0.32%/°C
Voltage -1.8mV/°C

TYPICAL I-V CURVE



SPECTRAL RESPONSE

