

200W Rollable Solar Charger

The **P3Solar 200W Rollable Solar Charger**, designed for use with the EZ-Out collapsible mounting frame or standalone, provides a significant amount of solar energy for battery charging. At 40w/pounds, the 200W rollable is lightweight and compact rolling to a 5" diameter making it easy to transport and store.

200W Product Specifications

Electrical Characteristics @ STC*

Rated Power (watts)	200
Rated Voltage at MPP (VDC)	35
Rated Current at MPP (amp)	5.7
Open Circuit Voltage (volts)	47
Short Circuit Current (amps)	6.5

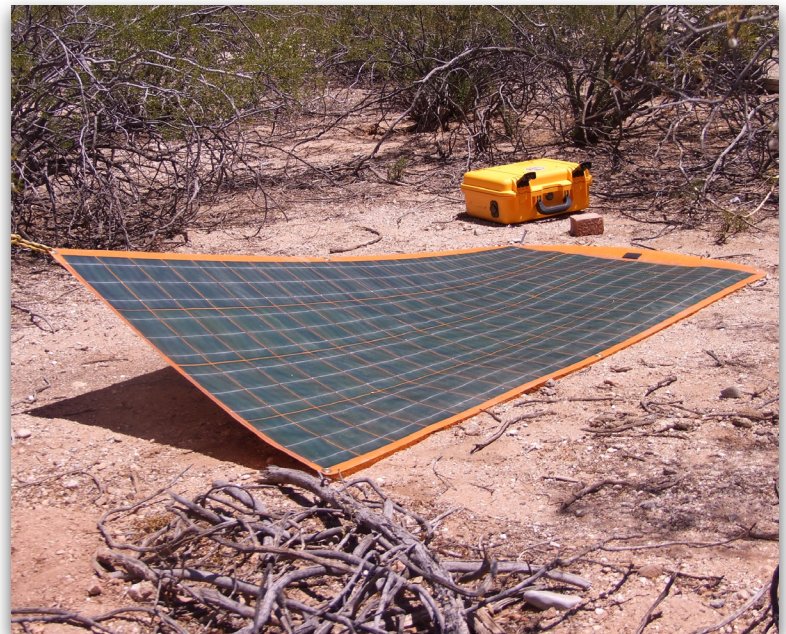
Physical Characteristics

Rolled Dimensions, mm	127 Dia x 889
Rolled Dimensions, inches	5 Dia x 35
Deployed Dimensions, mm	889 x 1956 x 1.0
Deployed Dimensions, inches	35 x 77 x 0.04
Max. Deployed Thickness at J-Box, mm (in.)	12 (0.5)
Weight, kg(lb)	<2.27 (5.0)
Power to Weight Ratio, watt/kg(watt/lb)	>99 (>40)

Thermal Characteristics

Temperature Coefficient for Power (%/°C)	-0.43
Temperature Coefficient for Voltage (%/°C)	-0.38
Temperature Coefficient for Voc (%/°C)	-0.33
Temperature Coefficient for Isc (%/°C)	-0.03
Cell Temperature Operating Range (°C)	-40 to 85
Voltage, Open Circuit @ -40°C (volts)	55
Voltage, Vmpp @ 50°C (volts)	31.5
Voltage, Vmpp @ 75°C (volts)	28.0

*Electrical Characteristics- tested at Standard Test Conditions (STC): irradiance level 1000W/m², spectrum AM 1.5 and cell temperature 25° C. Tolerance +/-15%. The performance of this product may increase by up to ~5% after the first several hours of exposure to sunlight.



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