

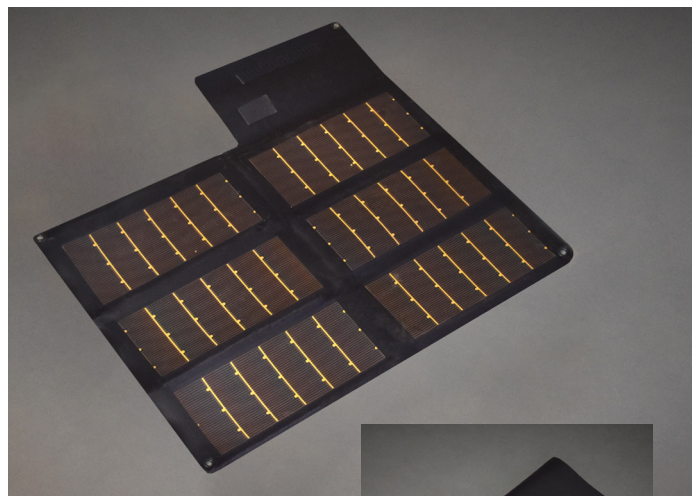
20W Portable Solar Charger

The **20W is a Portable Solar Charger** designed as a replacement to the Sunling 4 (12W) solar charger and the smallest in the line of new P3Solar products. The 20W is only 8 percent larger (deployed) than the 12W but provides 40 percent more power at virtually the same weight.

20W Product Specifications

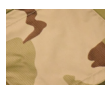
Electrical Characteristics @ STC*	
Rated Power (watts)	20
Rated Voltage at MPP (VDC)	18
Rated Current at MPP (amp)	1.2
Open Circuit Voltage (volts)	24
Short Circuit Current (amps)	1.4
Physical Characteristics	
Folded Dimensions, mm	152 x 318 x 13
Folded Dimensions, inches	6 x 12.5 x 0.5
Deployed Dimensions, mm	559 x 635 x 1
Deployed Dimensions, inches	22 x 25 x 0.04
Max. Deployed Thickness at J-Box, mm (in.)	12 (0.5)
Weight, kg(lb)	0.27 (0.60)
Power to Weight Ratio, watt/kg(watt/lb)	74 (33)
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)	30
Voltage, Vmpp @ 50°C (volts)	16.2
Voltage, Vmpp @ 75°C (volts)	14.4

*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.

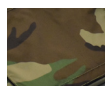


Black
PN 18061

Also available in:



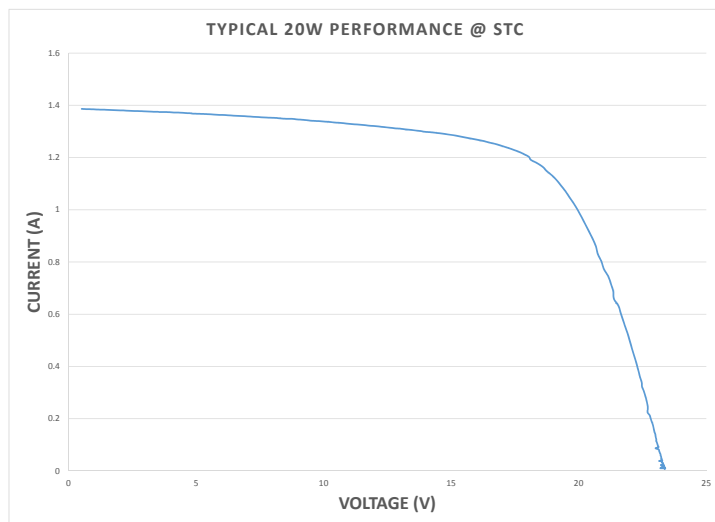
Desert Camo
PN 18059



Woodland Camo
PN 18060



Multicam
PN 18062



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