

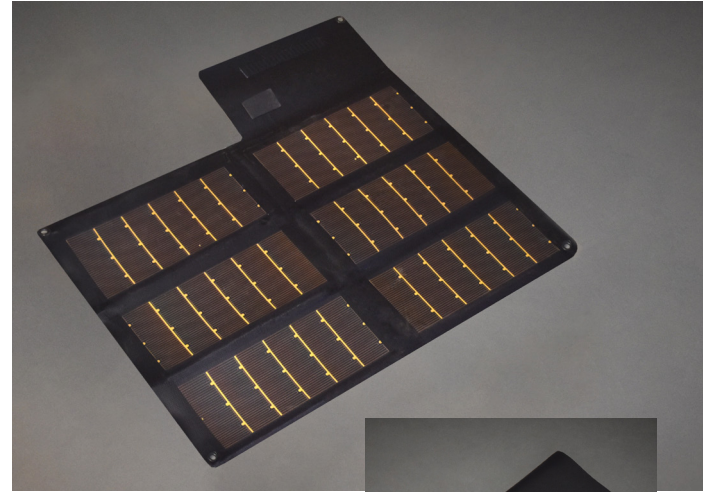
20W Portable Solar Charger

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

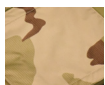
| Electrical Characteristics @ STC* | |
|--|----------------|
| Rated Power (watts) | 20 |
| Rated Voltage at MPP (VDC) | 18 |
| Rated Current at MPP (amp) | 1.2 |
| Open Circuit Voltage (volts) | 24 |
| Short Circuit Current (amps) | 1.4 |
| Physical Characteristics | |
| Folded Dimensions, mm | 152 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

