



# P3 Portable Power Pack - 42 Watt

## Product Specifications (P3-42)

<b>P3 Product Numbers</b>	22042A (12V) 22042B (24V)
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<b>Electrical Characteristics*</b>	
System Voltage Rating	12V / 24V
Rated Power (watts)	42
Rated Voltage at MPP (VDC)	16.4 / 33
Rated Current (amps)	2.5 / 1.25
Short Circuit Current (amps)	4.0 / 2.0
Open Circuit Voltage (volts)	31 / 62

<b>Thermal Characteristics</b>	
Temperature Coefficient for Power (%/C)	-0.43
Temperature Coefficient for Voltage (%/C)	-0.38
Temperature Coefficient for Voc (%/C)	-0.33
Cell Temperature Operating Range	-40° F to 176° F / -40° C to 80° C
Open Circuit Voltage (volts) @ -20°C	36 / 72
Open Circuit Voltage (volts) @ -40°C	38 / 76

<b>Dimensions and Weight</b>	
<b>Folded</b>	
Length, in (mm)	14.5 (368)
Width, in (mm)	8.5 (216)
Thickness, in (mm)	1.4 (36)
<b>Unfolded</b>	
Length, in (mm)	52.5 (1333)
Width, in (mm)	30 (762)
Thickness, in (mm)	0.1 (2.5)
<b>Weight</b>	
Weight, lb (kg)	3.1 (1.41)
Power to weight ratio watt/lb (watt/kg)	20 (44)



P3-42Watt

Colors: Black, Desert and Woodland Camo

\*Nominal Data at Standard Test Conditions (STC)

STC: irradiance level 1000W / m<sup>2</sup>, spectrum AM 1.5 and cell temperature 25° C  
 The thin film solar material in this module can increase in power with exposure to sunlight. Expose the module to sunlight for 3-4 days for best measurement results.  
 Rating tolerance +25/-15%