

P3 Portable Power Pack - 124 Watt

The P3 Portable Power Pack is a solar-energized power generator for your mobile power needs.

Incorporating solid state, thin-film, PowerFLEX™ solar cells, the P3 provides an excellent choice for applications that require lightweight, flexible, durable, silent power

Product Specifications (P3-124)

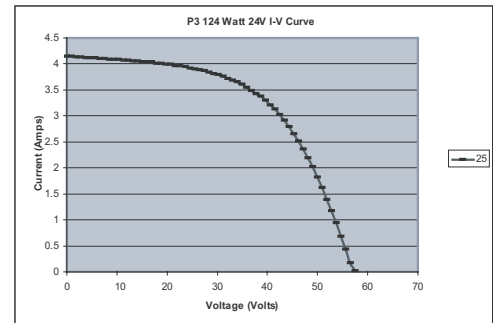
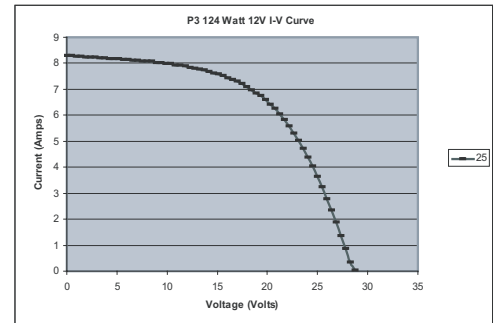
Electrical Characteristics*	
P3 Product Number	P3 -124
Nominal System Voltage Rating	12V / 24V
Nominal Rated Power (watts) at STC	124
Nominal Rated Voltage at MPP (VDC) at STC	20 / 40
Nominal Rated Current (amps)	6.2 / 3.2
Open Circuit Voltage (volts)	28/ 56
Short Circuit Current (amps)	8.4 /4.2
Thermal Characteristics	
Temperature Coefficient for Power (%/C)	0.6
Temperature Coefficient for Voltage (%/C)	-0.5
Temperature Coefficient for Voc (%/C)	-0.4
Cell Temperature Operating Range	-40° F to 176° F / -40° C to 80° C
Dimensions and Weight	
Folded	
Length, in (mm)	14.5 (368)
Width, in (mm)	8.5 (216)
Thickness, in (mm)	2.8 (72)
Unfolded	
Length, in (mm)	105 (2666)
Width, in (mm)	30 (762)
Thickness, in (mm)	0.1 (2.5)
Weight	
Weight, lb (kg)	6.1 (2.82)
Power to weight ratio watt/lb (watt/kg)	20 (44)

*Data at Standard Test Conditions (STC)

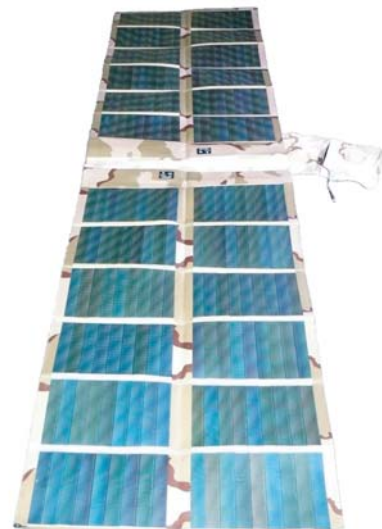
STC: irradiance level 1000W / m², spectrum AM 1.5 and cell temperature 25° C

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 +/- 15%



The I/V graphs above show the typical performance of the solar module at STC



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