

P3 Portable Power Pack - 48 Watt

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

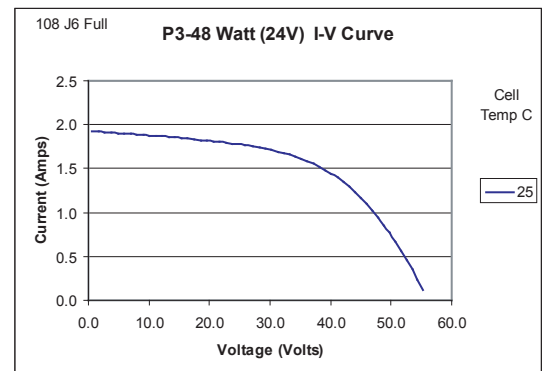
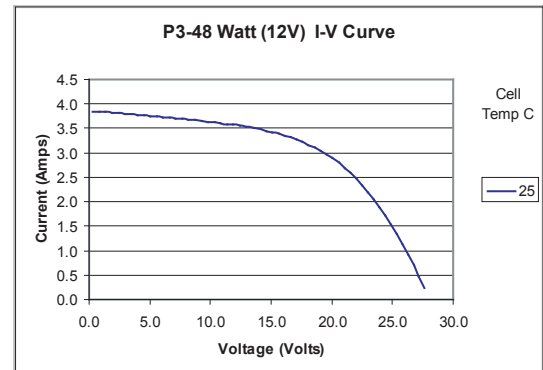
Incorporating solid state, thin-film, PowerFLEX™ solar cells, the P3 provides an excellent choice for applications that require lightweight, flexible, durable, silent power

Product Specifications (P3-48)

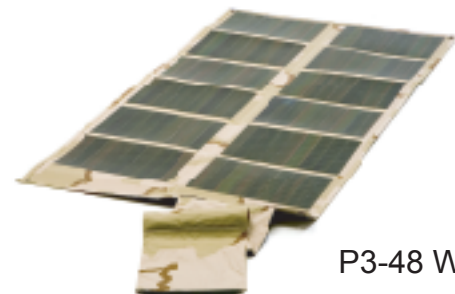
Electrical Characteristics*	
P3 Product Number	P3-48
Nominal System Voltage Rating	12V/24V
Nominal Rated Power (watts) at STC	48
Nominal Rated Voltage at MPP (VDC) at STC	18.8/37.8
Nominal Rated Current (amps)	2.5/1.2
Open Circuit Voltage (volts)	28/55
Short Circuit Current (amps)	3.9/1.8
Thermal Characteristics	
Power (%/C)	-0.5
Voltage (%/C)	-0.5
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)	1.4 (36)
Deployed	
Length, in (mm)	52 (1321)
Width, in (mm)	29 (737)
Thickness, in (mm)	0.1 (2.5)
Weight	
Weight, lb (kg)	3.9 (1.77)
Power to weight ratio watt/lb (watt/kg)	12.3 (27.1)

*Data at Standard Test Conditions (STC)

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



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



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