

Portable Power Pack - 62 Watt

The 62 watt Portable Power Pack is a solar-energized power generator for your mobile power needs.

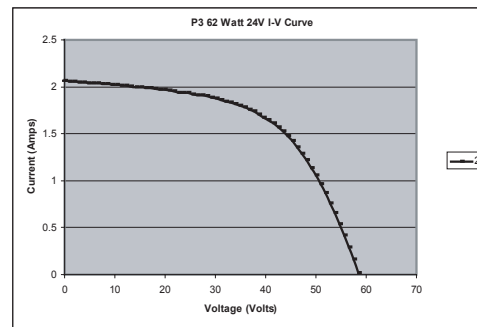
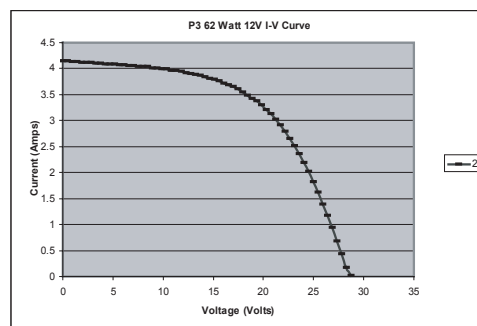
Incorporating solid state, thin-film, PowerFLEX™ solar cells, the 62 watt UnatSolar panel provides an excellent choice for applications that require lightweight, flexible, durable, silent power

Product Specifications

Electrical Characteristics*	
Nominal System Voltage Rating	12V / 24V
Nominal Rated Power (watts) at STC	62
Nominal Rated Voltage at MPP (VDC) at STC	20 / 40
Nominal Rated Current (amps)	3.1 / 1.6
Open Circuit Voltage (volts)	28 / 56
Short Circuit Current (amps)	4.2 / 2.1
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)	1.4 (36)
Unfolded	
Length, in (mm)	52.5 (1333)
Width, in (mm)	30 (762)
Thickness, in (mm)	0.1 (2.5)
Weight	
Weight, lb (kg)	3.1 (1.41)
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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