

ME² Solar™ Xpedition - 62 Watt

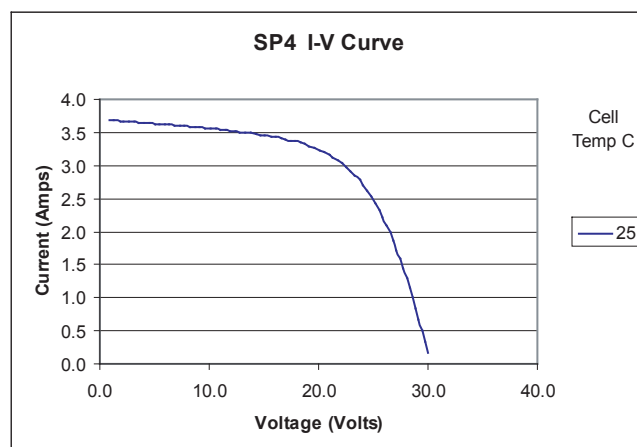
The ME² Solar™ Xpedition is a solar-energized power generator for your mobile power needs.

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

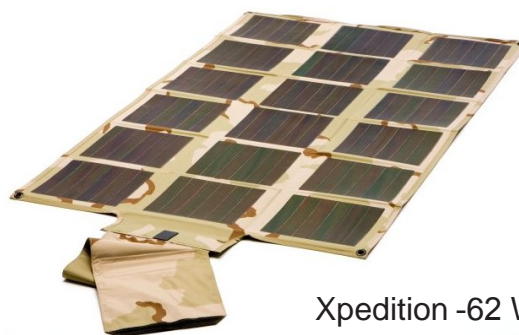
Product Specifications (Xpedition 62 Watt)

Electrical Characteristics*	
P3 Product Number	P3-62
Nominal System Voltage Rating	16V
Nominal Rated Power (watts) at STC	62
Nominal Rated Voltage at MPP (VDC) at STC	20
Nominal Rated Current (amps)	3.1
Open Circuit Voltage (volts)	28
Short Circuit Current (amps)	4.2
Thermal Characteristics	
Power (%/C)	-0.6
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)	52.5(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 I/V graphs above show the typical performance of the solar module at STC



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