

100W SOLAR MODULE

SOLAR TACTICAL OPTIMUM RECHARGING MODULE

As much as 3X more power per square foot as competing models.

Electrical Specifications

Model	STORM™ Folding Module
Rating Power Output (Pmax)	100
Rating Tolerance	+ 5%
Origin	USA
Maximum Power Voltage	12.21 V
Maximum Power Current	8.21 A
Open Circuit Voltage (Voc)	15.60 V
Short Circuit Current (Isc)	8.80 A
Warranty Coverage	1 year limited warranty
Connection Type	Durable rubberized connector



Unique Product Benefits

- 1 **High module output amps allow for simultaneous charging of internal battery while operating equipment.**

Anti-glare proprietary sheeting overlay

- 2
 - Non-shiny surface while deployed ideal for stealth
 - Safer in field usage for soldier
 - Allows more light to the crystalline cells increasing efficiency

Simple operation & integration into artillery

- 3
 - Lightweight compact design for easy transportation
 - Easy deployment, storage & usage on all terrains

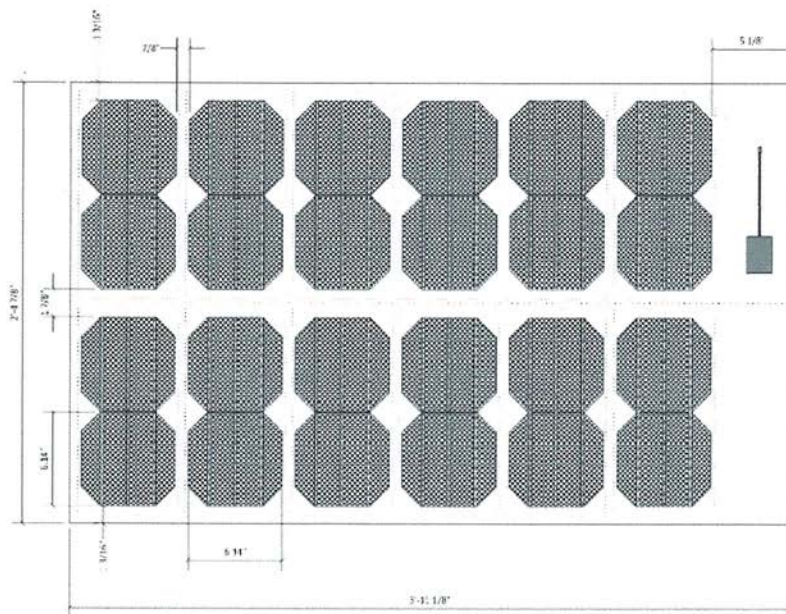
*Assuming full access to sunlight. Our module will produce about 5.9 amps per full hour of sunlight in 8 hours of full sunlight that equates to about 47 amps hours or 976 watts.

Cell Specifications

Cell Type	Mono Crystalline Silicon
Cell Efficiency	19.5%
Cells per Module	40 cells
Cell Size, Inches (mm)	6.15 x 6.15 (156.21 x 156.21)
Power Density	10.85 W/sq ft
Module Efficiency	>16.5%

Dimensions & Weight

Stowed	
Length, Inches (mm)	15.625"
Width, Inches (mm)	7.5"
Thickness, Inches (mm)	2.42"
Deployed	
Length, Inches (mm)	47"
Width, Inches (mm)	28-7/8 (28.875)"
Thickness, Inches (mm)	0.155"
Weight	
Weight, lb (kg)	6" 11.6oz - 3.050408 kg.
Power per lb = Power per kg =	14.906171W 32.855932W



24 CELL MODULE