Folding Solar Option for Aspen 3300M/5500M

AWI-SO-55A01, AWI-SO-55A04, AWI-SO-55A03

- Easy to deploy (No Glass)
- Ideal for remote locations
- Ruggedized backing for use on any surface
- Lightweight, Flexible and Durable
- Folds up compactly
- Virtually maintenance free
- High temperature and low light performance
- Charges internal battery as well as operates the 3300M or 5500M purification system
- International Military use

PERFORMANCE CHARACTERISTICS
Rated Power (Pmax): 240W total
Production Tolerance: ±5%

PRODUCT DESCRIPTION AND APPLICATION
Three folding solar options for the Aspen 3300M and 5500M Water Purification Systems.
AWI-SO-55A01 with 1 solar panel will trickle charge the internal battery for the system but will not run the system direct from the panel.
AWI-SO-55A04 with 2 panels will charge the internal battery. Under full sun conditions it will also run the system directly from solar.
AWI-SO-55A03 with 3 panels under full sun conditions will run the system directly and help to keep the internal battery charged.

FLEXIBLE

LIGHTWEIGHT

NO-GLASS

DURABLE

SHADOW TOLERANT

HIGH TEMP PERFORMANCE

All components fit easily into most bags or rucksacks, which makes it the perfect expeditionary accessory. Unmatched durability allows for use in even the harshest environments and works even after being punctured. Unlike "CIGS" solar technology, A and A's (A-SI) solar materials do not need to be "sun soaked" after storage, they provide critical power immediately when placed in the sun.

AWI-SO-55A01 Consists of: (1) Folding solar panel with cables.
AWI-SO-55A04 Consists of: (2) Folding solar panels with cables in rugged custom case.
AWI-SO-55A03 Consists of: (3) Folding solar panels with cables in rugged custom case.

Specifications* For Each Panel	Solar Operating Voltage	Solar Operating Power	Weight (lbs./kg)	Folded Dimensions (inch/mm)	Unfolded Dimensions (inch/mm)
A and A-120 Solar Module	15.4	120 Watts	6.5 / 2.95	14 x 14 x 3 356 x 279 x 76	86.5 x 54.5 2197 x 1384

*Operating Voltage and Operating Current may vary +/- 10% due to temperature variation, spectral variation, and related effects

During the first 8-10 weeks of operation, electrical output exceeds specified rating. Power output may be higher by 15%, operating voltage may be higher by 11% and operating current may be higher by 4%. Electrical specifications (±10%) are based on measurements performed at standard test conditions. Performance may vary up to 10% from rated power due to low temperature operation, spectral and other related effects. Specifications subject to change without notice. Calculation based on 5.5 hours of sunlight in optimal conditions (modules facing sun, tilt-angle matches latitude, modules are clean and not shadowed). Does not include system component losses.

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