

# *POWERSHED*<sup>®</sup> Lite

## Specifications

A semi-assembled, semi-portable 1.4 KW solar array attached to a 35 degree sloping roof of an 8' x 10' storage shed. The shed walls, floor and roof are pre-assembled but shipped flat for field assembly. Electronics and solar panels are installed after erecting shed (shed fasteners not included). Installation does not require a concrete slab because our exclusive steel joist system has more than adequate strength and moisture resistant qualities to provide a solid foundation on most level ground surfaces. Electrical connection to load depends on version.

### SOLAR MODULES

6 – 240 watt UL 1703 Solar Modules with racking system to mount on roof of shed (expect an average generation of 4.75 kWh/day).

### GRID-TIE VERSION

6 - 120/240VAC 60Hz UL 1741 Micro-inverters  
Communication module with free web monitoring  
Fully assembled weight is approximately 3,000 lbs

### OFF-GRID/GRID-INTERACTIVE VERSIONS

245 AH sealed AGM maintenance-free battery, 48 volts, 20 hour rate; @80% discharge will provide 9.4 kWh storage (2 days without sun).  
3.6KW continuous/6KW surge 120VAC 60 Hz UL 1741 inverter with receptacle, 80A MPPT PV charge controller with battery temperature sensor, local control interface with remote communications ability all pre-wired for easy installation.  
Fully assembled weight is approximately 3,700 lbs

### LIMITED WARRANTY

Solar Modules = 25 years  
Inverters = 15 years (grid-tie), 5 years (off-grid & grid-interactive)  
Structure = 2 years

### DOCUMENTATION

All systems come with assembly instructions, wiring drawings and unlimited telephone support

### APPROXIMATE DIMENSIONS

8'W x 10'L x 14'H

Factory Options for OFF-GRID and GRID-INTERACTIVE Versions:  
Generator Interface Kit, 120/240VAC Inverter, Double Sized Battery,  
6KW Electric Start Propane Generator

\*Exact specifications may change without notice depending on component availability

# **POWERSHED**<sup>®</sup>

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