

4-6-9 Off-Grid Power Packages

High Power, Ready to Use!

1,300 Watt Solar Power Package



Includes: 4 - 330Watt Solar Modules, Pro Racking System, MidNite Classic Charge Controller, 4 L16 Heavy Duty Batteries, Outback Inverter/Charger, Outback System Display, 10A 12V (13.8) Power Supply, All Wire and Cable, Installation Hardware, Misc. Hardware, & Installation.

\$6,900.00 "Power Essentials"

2,000 Watt Solar Power Package



Includes: 6 - 330Watt Solar Modules, Pro Racking System, MidNite Classic Charge Controller, 4 L16 Heavy Duty Batteries, Outback Inverter/Charger, Outback System Display, MidNite E-Panel, 10A 12V (13.8) Power Supply, All Wire and Cable, Installation Hardware, Lightning Protection, Misc. Hardware, & Installation.

\$9,200.00 "Great Value!"

3,000 Watt Solar Power Package



Includes: 9 - 330Watt Solar Modules, Pro Racking System, MidNite Classic Charge Controller, 8 L16 Heavy Duty Batteries, Outback Inverter/Charger, Outback System Display, MidNite E-Panel, 10A 12V (13.8) Power Supply, All Wire and Cable, Installation Hardware, Lightning Protection, Misc. Hardware, & Installation.

\$11,900.00 "Power Your Life"

More options needed? No Problem!

No inverter, E-Panel & surge protection for ~\$3,000.00 off of listed package price.

Kit only, without installation: ~\$2,200.00 off of listed package price.

For: Backup power purposes, High-capacity UPS, General preparedness, or even full-time off-grid living.



3376 Harvest Drive, Gordonville, PA 17529

717-768-7796

Call today to get the perfect power package for you!

Which Package Is Right For You?

System Sizing Chart

Item	Solar Power (watts) Required To Operate	Check The Items You Want To Power
Appliances		
1 Mid Size Fridge	140	<input type="checkbox"/>
1 Large Fridge	210	<input type="checkbox"/>
1 Mid Size Freezer	210	<input type="checkbox"/>
1 Large Freezer	450	<input type="checkbox"/>
1 Sundancer Upright Refrigerator	560	<input type="checkbox"/>
1 Conventional Electric Refrigerator	1120	<input type="checkbox"/>
1 Toaster (Light usage)	140	<input type="checkbox"/>
1 Blender	20	<input type="checkbox"/>
1 Coffee Maker (Void if you drink coffee all day ☺)	140	<input type="checkbox"/>
Laundry		
1 DC Wringer Washer	140	<input type="checkbox"/>
1 Staber Washer	280	<input type="checkbox"/>
1 Charming Spinner (spin dryer for wash)	140	<input type="checkbox"/>
Well Pumps		
1 Shallow Well Pump Q-Series SunPump (30' or less)	460	<input type="checkbox"/>
1 Deep Well Pump Grundfos HE Pump	640	<input type="checkbox"/>
(Add the required power of the items you checked items)	Total Watts	
		Total watts represents the size solar system required.
Other Equipment		
The power consumption of Lights, Dewalt chargers, power saws, vacuum cleaners and more vary greatly based on usage habits. To estimate your unique power usage call us at 717-768-7796.		
Note: Estimated solar size rating only. Actual power consumption may vary. Failure to use Energy Efficient appliances will result in a much larger and more expensive power system to operate. Power system watts is not device watts.		

Frequently Asked Questions

Why the 4, 6, and 9 solar module sizes? These sizes provide optimal system value and performance, for a smaller off-grid system.

Can I get a larger solar system? Yes, we will gladly design a system, best suited to your specific needs.

Can I get a smaller solar system? Yes, a solar kit may be right for you. Solar kits are available in smaller sizes.

How are the watts calculated on the system sizing chart? From 10+ years of real life usage results, and the average power draw of most appliances.

Is this installed? Yes, the listed packages include basic installation for most local locations. There are some variables, for example: Installation will require more labor. for an old stone building. Belmont Solar has qualified installation teams that are trained to install your solar system in a neat, efficient manner. The power packages larger than ~120 watts are usually best installed by a solar professional.

What about Wind Turbines? Wind turbines have moving parts that have a much higher chance of failure than solar panels. The noise and maintenance also make a wind turbine less desirable.

What about bad weather? The system design chart is meant to provide adequate off-grid power for normal weather patterns. However we cannot control weather variables such as snow, clouds and or rain. The Power Packages have a built-in backup charger, that can be used by simply connecting a generator or other 120V power source.