



Solar Electric Power Systems

GET 24-7 UTILITY GRADE POWER

~ RESIDENTIAL ~
THE POWER SHED



~ INDUSTRIAL, REMOTE APP ~
CBX POWER PLANT



STARTING AT \$7895.00 DELIVERED

7,200+ WATT HOUR HARVEST PER DAY TYPICAL
4,000 WATT CONTINUOUS 120 / 240 VOLT AC OUTPUT
MANY UPGRADE OPTIONS AVAILABLE

- RUNS TYPICAL ENERGY EFFICIENT HOME, CABIN OR WORKSHOP
- POWERS WELL PUMPS, FREEZERS, REFRIGERATORS, GREENHOUSES
- 24/7 SECURITY SYSTEMS, OUTDOOR LIGHTING, ALL POWER TOOLS
- RELIABLE OFF-GRID POWER FOR LAND OWNERS & CONTRACTORS
- FLAMMABLE FUEL FREE AND INTRINSICALLY FIRE SAFE

MANUFACTURED AT OUR OWN SOLAR-POWERED FACILITY!

PAYS FOR ITSELF IN FUEL COST SAVINGS
LONG LIFE, DOES NOT WEAR OUT LIKE MECHANICAL GENERATORS
ONLY BEST QUALITY UL LISTED COMPONENTS USED 3 YEAR WARRANTY



 Colorado Digital Labs, Inc.

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MANY OPTIONS AVAILABLE TO SUIT YOUR NEEDS & BUDGET

System Size: Our solar power systems range in size from small, pole-mounted units for instruments and communications to large residential or commercial building installations. We build solar power systems to power any project, on or off the grid.

The Power Shed and The CBX Power Plant products include a secure equipment shelter with a wide range of a solar power system configurations available. Both are weather tight and rodent proof.

Options for Location & Mobility: We can also install our solar power systems in your existing building, or we can place them in trailers or RV's for added flexibility. Mobile options are especially valuable to contractors, emergency management teams, and for anybody who needs reliable power on the go.

Inverter Options: We recommend and use Magnum Energy power inverters which can be stacked to provide up to 16,000 Watts of AC power. They are high quality and we have always had great reliability using them. They are not cheap, so if you need a more affordable inverter we can use other brands.

Battery Options: We recommend and use Crown GC2 group deep cycle batteries, either flooded or AGM models. They are cost effective and have a long service life. The GC2 group battery is compact and easy for one person to move. We can also use other types of batteries to meet your energy storage requirements.

Charge Controller Options: For battery charging, we use and recommend Schneider Conext MPPT charge controllers. Again, they are not cheap, but we have found them to be very reliable and 98% efficient. Although other charge controllers are available, the MPPT units are so efficient that they can sometimes eliminate the need for additional panels.

Solar Panel Options: Solar panel availability changes constantly. We always look for the lowest dollar to watt value from suppliers we know. Since the MPPT charge controller automatically adjusts the solar panel output voltage to what's best for the batteries, using high wattage panels is always best. More solar power harvest always relates to larger panel surface area. In solar panels, bigger is better.

The balance of the system includes wiring, boxes, disconnects, lightning arrestors, and all the hardware used to make the system conform to code. Systems installed in a CBX box or vehicle do not need a permit as they are considered equipment. All other installations typically have permit requirements. A licensed electrician may be needed to connect our system to your building's wiring.

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