

PROJECT INSTALLATION BULLETIN

- Date:** May, 2006
- Application:** Industrial-scale, Off-grid
- Location:** MCAS Yuma, Arizona
- Customer:** BAE Systems for USMC
- Description:** This system provides continuous power to a border radar facility and is located just north of the US-Mexico border near Yuma, Arizona. The system has no connection to utility power and relies on power generated from the solar array to maintain operational capability 24 hours a day.



- Details:**
- PV Array: 40 Kyocera Solar 130 watt poly-crystalline module (5.2 kW-STC)
 - Inverter: Single Outback Power Systems FX2024, 2.0 kW, 120 VAC, 24 VDC
 - Battery Bank: Exide Absolyte sealed, deep-cycle, 24 VDC, 2,000 AH
 - Charge Controllers: 4 Outback Power Systems MX-60s with Max Power-Point Tracking

