

# SOLAR POWER STATION (SPS)

## For Field and Remote Networking

### The power to enable remote communications.

Remote telecommunications systems have increasingly turned to dependable solar electricity to meet the challenges of powering remote installations where reliability is critical since maintenance calls are impractical and expensive. **That same technology from an industry leader, OutBack Power, has been literally “boxed up” for small networking systems doing big jobs in the form of Solar Power Stations (SPS):** a line of compact solutions from the leading power conversion brand used by the military, marine and mining industries, scientific organizations, and other fault-intolerant users for their mission-critical applications. With OutBack’s SmartHarvest SPS line, video, data and voice communications literally has no geographical limits—internet and RF access is available literally anywhere the sun shines.

SmartHarvest by OutBack SPS can go practically anywhere. Its powder-coated NEMA 3R rated enclosure resists weather extremes, and its solar racking is designed to withstand up to 90 mph winds. The on-board EnergyCell RE batteries and charge controller are engineered for long service life under a wide range of temperature conditions. Built-in breakers protect all sensitive internal circuits. With five versions available depending on location and powering needs, SPS is a customized solution that’s also factory built and pre-tested for easy installation and use.



SPS line includes five pre-assembled systems using three NEMA-rated outdoor enclosures. Systems include solar panels, racking, mounting hardware and batteries. Enclosures also available separately.

### Applications:

- Wireless AP/Cellular Modem
- Remote Wi-Fi Networking
- Video Streaming
- Data Streaming
- Mesh Networks
- Point to Point Communications
- SatCom Amplifiers
- Fiber Network ONT