



# AXS Port

## Modbus Transmission Control Protocol Interface



- Remote system control and monitoring via web interface with OPTICS RE
- SunSpec-compliant device for interoperability and plug-and-play operation
- Over two years of data logging
- Firmware upgradable over an Ethernet network
- Accessories include MicroSD memory and DIN-rail mounting clip



**The AXS Port Modbus TCP, now OPTICS RE compatible, is a powerful and economical tool that allows installers and system owners the ability to monitor and control system status from any location.**

When paired with OPTICS RE, the AXS Port interface offers advanced system monitoring and control features including:

- Real-Time PV/Solar System Performance Monitoring via Intuitive Dashboard Interface From any Internet-Connected Device
- Efficient Management of Multiple OutBack Power System Installations Under One Account
- Remote Troubleshooting
- Reduced Onsite Service Calls and System Downtime

The AXS Port makes it possible to create custom user interfaces for systems using the advanced API program development kit\* and download system data logs using Modbus-read or FTP transfer. All user-configurable values are backed up with non-volatile memory,

ensuring stable performance and system recovery. An optional remote temperature-sensing function provides a simple, low-cost tool for capturing and reporting ambient temperature or other critical thermal information records.

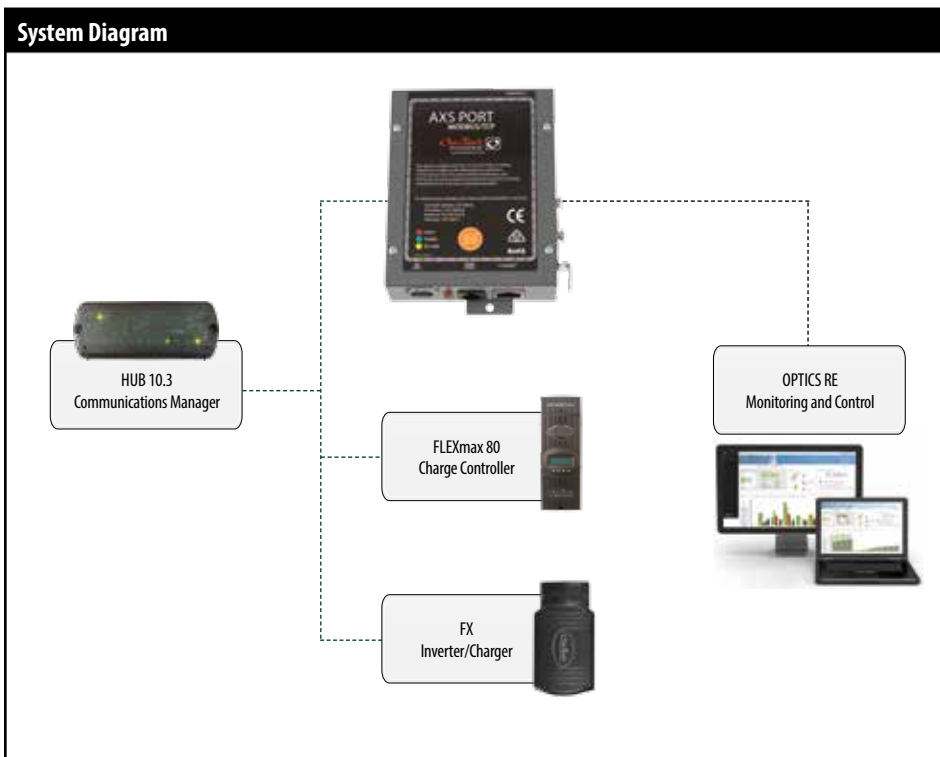
The AXS Port is a SunSpec compliant device\*\*, which means it speaks the renewable energy industry's common language used to drive data and interoperability standards for plug-and-play operation between components and management systems.

\*Download the API development kit at [www.outbackpower.com](http://www.outbackpower.com).

\*\* SunSpec client software is required for operation. Visit [www.sunspec.org](http://www.sunspec.org) for more information.

<b>Model:</b>	<b>AXS Port</b>
<b>Power</b>	Supplied by OutBack device
<b>Status Indicators</b>	Seven LED indicators
<b>Clock</b>	On-board real-time clock with battery backup
<b>Internet Standards</b>	TCP/IP, DNS, SMTP, FTP, DHCP, NTP
<b>Ports</b>	<b>HUB10.3/Device:</b> RJ-45 <b>Communications:</b> RJ-45 <b>Temperature Sensor:</b> RJ-11
<b>Communication Protocol</b>	Modbus TCP to the SunSpec standard
<b>OutBack Device Interface</b>	OutBack proprietary
<b>PC Interface</b>	10/100 Ethernet
<b>Mounting</b>	DIN clip (provided) or surface mounting
<b>Environmental Rating</b>	Indoor Type 1 (IP 30) non-condensing
<b>Temperature Ranges</b>	<b>AXS Port:</b> -40 to 75°C <b>SD Card:</b> -25 to 75°C
<b>Weight (lb/kg)</b>	<b>Unit:</b> 0.5 / 0.23 <b>Shipping:</b> 2.1 / 0.95
<b>Dimensions H x W x D (in/cm)</b>	<b>Unit:</b> 1.29 x 3.5 x 4.99 / 3.3 x 8.9 x 12.7 <b>Shipping:</b> 3.25 x 9 x 13.5 / 8.3 x 22.9 x 34.3
<b>SD Card Size</b>	MicroSD Type 2 (2GB capacity)
<b>Options</b>	OutBack RTS
<b>Certifications</b>	FCC Part 15, subpart B CE, RoHS, SunSpec

## System Diagram



### Worldwide Corporate Offices

