



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

 **OPTICS RE** Compatible

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.

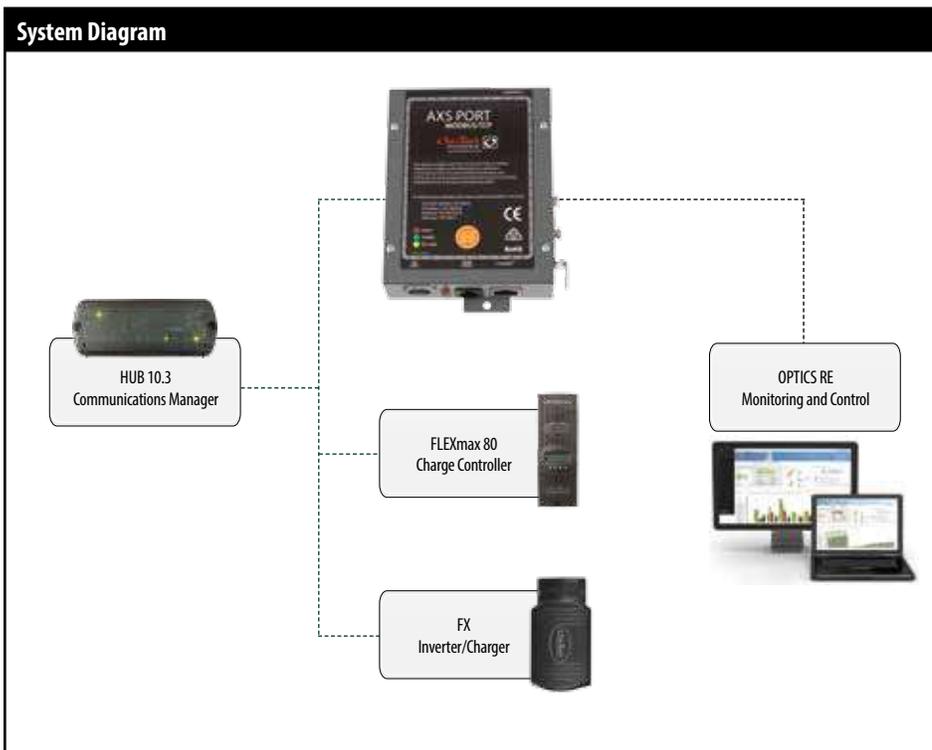
The AXS Port is a SunSpec compliant device**, which means it speaks the renewable energy industry's common language used to drive data and interoperability standards for plug-and-play operation between components and management systems.

*Download the API development kit at www.outbackpower.com.

** SunSpec client software is required for operation. Visit www.sunspec.org for more information.

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

System Diagram



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