

AXS-Port Modbus / TCP Interface



Features

- Monitor, Command and Remotely-Control Selected OutBack System Components Without a Dedicated System Display*
- SunSpec-Compliant Device for Interoperability and Plug-and-Play Operation
- Manages Over Two Years of Data Logging
- Firmware Upgradable Over an Ethernet Network
- Accessories Include MicroSD Memory Card and DIN-Rail Mounting Clip

* Initial firmware release supports the control and monitoring of OutBack FLEXmax Charge Controllers and monitoring FX Inverters. Alarm functionality will be a future implementation in this easily upgradable device.

Description

Targeting industrial and commercial customers, the SunSpec-compliant AXS Port Modbus/TCP Interface provides advanced connectivity with OutBack FLEXmax™ charge controllers as well as other OutBack devices, enabling remote system status monitoring, command and control. With the AXS Port Interface, users can securely access an OutBack power system anywhere in the world via an Ethernet connection using Modbus Transmission Control Protocol (TCP), and communicate directly to a single device, or to multiple devices using OutBack's HUB4 or HUB10 communications management components.

The AXS Port Interface makes it possible to create custom user interfaces for systems using the advanced API program development kit. System data logs can be downloaded with an AXS Port Interface using Modbus-read or FTP transfer. System operators can adjust system settings or change operating modes, as well as apply future firmware updates to both the AXS Port Interface and other OutBack firmware-upgradable components, either locally or over the Ethernet.

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.

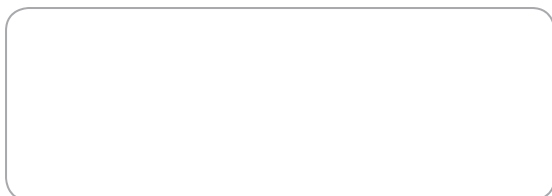
The AXS Port is a SunSpec compliant device, which means it speaks the renewable energy industry's common language used to drive data and interoperability standards for plug-and-play operation between components and management systems. SunSpec client software is required for operation. For more information visit www.sunspec.org.

Specifications (Specifications Subject to Change Without Notice)

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	HUB/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°C to 75°C
	SD Card	-25°C to 75°C
Weight	Unit	0.23 kg
	Shipping	0.95 kg
Dimensions H x W x D	Unit	3.3 x 8.9 x 12.7 cm
	Shipping	19 x 22.9 x 34.3 cm
SD Card Size	MicroSD Type 2	2 GB capacity
Options		OutBack RTS
Certifications		FCC Part 15 subpart B, CE, RoHS, SunSpec



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