AXS PORT
MODBUS TRANSMISSION CONTROL PROTOCOL INTERFACE

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.

APPLICATIONS

– All applications with OB Power systems

FEATURES

– 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
– Real-time PV/solar system performance monitoring via intuitive dashboard interface from any internet-connected device
– Efficient management of multiple OB Power system
  Installations under one account
– Remote troubleshooting
– Reduced onsite service calls and system downtime

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 Protocols	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
Warranty	2 Years

HUB 10.3
Communications Manager

FLEXmax 80
Charge Controller

FX
Inverter/Charger

OPTICS RE
Monitoring and Control

RIPEENERGY

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