SP-2008BIE-06 SynLink Smart PDU

2U Single Phase Switched Multi-Inlet

Well-suited for applications that need 2x or 4x the power density for the same amount of space. Inside our Multi Circuit PDUs are 2x or 4x isolated, independent and high-powered circuits enclosed in a rugged all-metal enclosure. In effect, each outlet can draw as much as 2x or 4x the power compared to a single-circuit PDU, giving you the most out of your investment. Each circuit provides current RMS measurements, as well as switching at the outlet level.

Smart PDU Features

- Network Protocols: SSH, Telnet, HTTP(S), SNMP, SMTP, and more...
- Inlet Power Monitoring: Current RMS (A)
- Programmable: Custom event triggers and actions, task scheduling, custom alerts, custom event logging.
- Out-of-Band: USB-Serial Port (FTDI chip set), RS232 Serial Port, SynLink Expansion Port.
- Easy Setup: Front Panel LCD interface for rapid deployment.
- Sensors Supported: Temperature & humidity.

Additional Features

- Inlet Current RMS Measurements
- Individual Outlet Switching
- UL/CSA 62368-1 : 2019 Third Edition Compliant

What's Included

- Detachable NEMA 5-15P to C19 Cord (6ft)
- 2U Mounting Brackets with M4 Screws
- Quick Start Guide Reference Pamphlet

Key Stats

Form Factor: 2U

Max Input Current: 2 x 20A (16A)

Power Capacity: 7.7kVA

Inlet Voltage(s): 120V,208V,240V

Outlets: 16

Applications

- High Power Capacity applications.

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Features

Input Power Measurements
Current Measurements at Input

Outlet Switching
Each outlet is equipped with a relay to allow for manual or automatic switching. Sequential outlet sequencing built-in to minimize inrush current.

Relay Health Monitor
Proprietary firmware keeps track of key relay health indicators to alert the user of potential failures. Additional relay failure detection circuit allows for alerts when a failure occurs.

High Powered Multi Inlet
Multiple inlets for cost effective max power.

Double Inlet & Dual Circuit
Dual Inlet/Dual Circuit uses two inlets for double power. Unlike ATS (dual inlet for redundancy), Dual Circuit/Inlet essentially combines two PDU's into one enclosure.

Ethernet Port 10/100Mbps
10/100 Base-T Ethernet port. Supports: SSH, Web Server, SNMP, SMTP, NTP, Syslog, HTTP/HTTPS, Telnet, IP4

Hot-Swappable Control Module
PDUs with this feature can hot swap control modules for upgrade or service while maintaining power to the outlets.

Local LCD Display
Color 1.8"TFTLCD or 2x8 Character LCD display Displays PDU metrics, Control and configure settings, Alert notifications

Serial Port
Serial port for access to PDU configuration and data

Environment Sensor Port
Sensors supported: Temp/Humidity

SynLink Ports
Daisy chain multiple PDUs to reduce network port footprint in the datacenter.

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Specifications

Input	
Plug Type	IEC-320 C20
Input Voltage	120V,208V,240V
Max Input Current (Derated)	2 x 20A (16A)
Phase	1
Input Energy/Power Measurements	Current RMS (A)

Output	
Outlet Receptacles	C13(12) + C19(4)
Total Number of Outlets	16
Power Capacity	7.7kVA
Overload Protection	None
Outlet Switching	Included
Outlet Current Measurement	None

Physical	
Form Factor	2U
Dimensions	17.00" x 3.50" x 7.88"
Maximum Operating Elevation	0-10,000 ft / 0 - 3,000 m
Operating Temperature Range	0C to +65C
Relative Humidity	5-95% (non-condensing)

Access & Communications	
Networking Protocols	SNMP V1,2,3, HTTP(S) API, Web Interface, SMTP, Syslog, Telnet, SSH, Ping, DHCP, NTP
Serial Communication (OOB)	RJ45 RS232 Serial and USB-Serial (FTDI)
Ports	1 x USB 2.0 1 x USB-Serial (FTDI) 2 x Sensor Ports 1 x 10/100 BaseT Ethernet 1 x RJ45 RS232 Serial
Front Panel LCD	Allow/Restrict users to manage networking & outlet configuration.
Firmware Upgrade	Updates with an active internet connection, remotely with web GUI, locally with USB Flash Drive

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