SP-1008BIE-01 SynLink Smart PDU

1U Single Phase Switched Dual

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

- 2 x Detachable NEMA 5-15P to C19 Cord (6ft)
- 1U Mounting Brackets with M4 Screws
- Quick Start Guide Reference Pamphlet

Key Stats

Form Factor: 1U

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

Power Capacity: 1.9kVA,3.3kVA,3.8 kVA

Inlet Voltage(s): 120V

Outlets: 8

Applications

- Mission critical remote installations.
- IT server racks.
- Datacenters
- Production automation.
- Test automation.
- Engineering labs.
- R&D facilities.

Features

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.

Input Power Measurements
Current Measurements at Input

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

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.

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
Max Input Current (Derated)	2 x 20A (16A)
Phase	1
Input Energy/Power Measurements	Current RMS (A)

Output

Outlet Receptacles	NEMA 5-20R(8)
Total Number of Outlets	8
Power Capacity	1.9kVA,3.3kVA,3.8 kVA
Overload Protection	None
Outlet Switching	Included
Outlet Current Measurement	None

Physical

Form Factor	1U
Dimensions	17.00" x 1.75" 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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