



About LBS

The LBS team has been offering reliable products for energy distribution solutions for more than 17 years. Through constant improvement, innovative design and an unwavering commitment to quality, it is solving the problems faced by data center designers as energy density and critical operations increase. The goal is to provide the best customer service and energy distribution products.

■ Why this product?

Excellent power management

- Intuitive LCD interface•
- User-defined notification thresholds
 - Precise warning and alarm levels
 - Multi-mode alarm notification.
 - Customizable group action plan-
- Support historical data/ log record query•

High security

- HTTP/ HTTPS support.
- SNMPv1, v2, v3 support•
 - LDAP integration •
- Secure user authorization management system
 - SSL support.

High-performance design

- CPU design with 528MHz main frequency•
 - 256MB large capacity memory•
 - 128MB of data storage space.
- 1% electrical parameter measurement accuracy•
- Temperature measurement accuracy of 0.3 ° C
 - 3% humidity measurement accuracy.

Extensive product line

- · Multiple switched, metered, and intelligent options
- · Single and 3 phase options
- Up to 63A input
- · Horizontal and Vertical installation
- · High-density intelligent PDU' s with up to 48 ports
- · Multiple types of input and output ports

High reliability

- · High-strength all-metal body design
- HC / C-LOCK / P-LOCK latching input and output connectors
- · Industrial-grade overload protection
- Power saving switching technology(PSS)
- · Reduced surge Power on sequencing

Intelligent design

- · Auto gravity adjustment Display (AGA)
- Status indication outlet technology(SIO)
- · MagSync mobile dashboard
- 3-phase alternating phase output system(APS)
- Multi-interface design

(Ethernet/ Console / RS-485 / Sensor/ Alarm / USB)

· Support daisy-chain cascading mode, up to 16 PDU connections

■How to choose the PDU you need

Туре	Description
Smart-PIM (Smart Per Input Line Monitoring)	Provide electrical collection of input ports, supports remote monitoring and environmental sensors
Smart-POM (Smart Per outlet Monitoring)	Provide electrical collection of input and output ports, supports remote monitoring and environmental sensors
Switched-PIM (Switched Per Input Line Monitoring)	Provides remote control on/off of outlets in addition to electrical collection of input, supports remote monitoring and environs
Switched-POM (Switched Per outlet Monitoring)	Provides remote control on/off of outlets in addition to electrical collection of input and output ports, supports remote monitoring and environs

Product	Power Distribution	Local Displayer	Input Metered	Branch Metered	Outlet Metered	Network Transmission	Climate Parameter	Outlet Control
Smart-PI M						/		
Smart-POM								
Switched-PIM				\			/	<
Switched-POM								

■Features



The proprietary HC high-power three-phase input connector allows for single-phase or three-phase 32A input to be detachable from the PDU body, which is convenient for product transportation and installation.

High-performance CPU / large-capacity memory

CPU Cortex-A? 256M / 128M SLC NAND FLASH

MagSync mobile display module

Live-swap capability, three-sided connection ports (front and both sides of the PDU), provides convenience and mounting options.

SIO (Status Indication Outlet)

To provide better visual management of the power status of the outlet.

P-LOCK System

Excellent outlet locking design, ensuring the reliability of power connection.

APS (Alternating phase system)

3-phase visualization and alternate output design, to better improve the balance of 3-phase power consumption.

PSS (Power Saving Switching)

Reduces the power consumption of the PDU and provides a safe and reliable output switching capability.

■Function

Details	Smart-PIM	Smart-POM	Switched-PIM	Switched-POM
Detachable input interface (only 5.32A models)	•	•	•	•
P-LOCK outlet	•	•	•	•
Auto gravity adjustment Display (AGA)	•	•	•	•
Status indication outlet (SIO)	-	•	•	•
MagSync Dashboard (Only for Vertical PDU)	•	•	•	•
Power saving switching technology (PSS)	-	-	•	•
Branch/ phase electrical parameter monitoring	•	•	•	•
Independent outlet monitoring	-	•	_	•
3-phase alternating-phase system	•	•	•	•
3-phase current unbalance rate monitoring	•	•	•	•
Branch / phase overload protection	•	•	•	•
Temperature/ humidity monitoring	•	•	•	•
Temperature and humidity monitoring cascade	Up to 32	Up to 32	Up to 32	Up to 32
Network remote monitoring (lpv4, lpv6)	•	•	•	•
Outlet on / off control	-	-	•	•
Web and GUI	•	•	•	•
PDU cascading support	Up to 16	Up to 16	Up to 16	Up to 16
Alarm threshold setting	•	•	•	•
SNMP Trap (v1/v2/v3)	•	•	•	•
Multi-mode alarm (Email/ Local/ Web/ Logic level output, etc.)	•	•	•	•
Events and logging/ export	•	•	•	•
User authorization management	•	•	•	•
Command line (CLI) console access control	•	•	•	•
RS-485 bus access	•	•	•	•
Serial access	•	•	•	•
Support for access management (LDAP)	•	•	•	•
Multi-user operating system	•	•	•	•
Historical data record	•	•	•	•
Support web page online software upgrade	•	•	•	•
Vertical installation	•	•	•	•
Horizontal installation	•	•	•	•
Adjustable rack mount (vertical models only)	•	•	•	•

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