

Brand: Light Breeze

Model: LB-13-V-S-10-B-U-SP

Product Overview

The Light Breeze LB-13-V-S-10-B-U-SP is a robust, single-section vertical Power Distribution Unit designed for reliable power management in data centers, server racks, and industrial environments. This model combines a high-capacity 10-way universal socket layout with a dedicated Surge Protective Device (SPD) to safeguard sensitive equipment against transient voltage spikes. Equipped with a heavy-duty 2.5 mm² (RM) copper cable and an illuminated master power switch, it delivers efficient electrical conduction, overload resilience, and convenient control in a zero-U space-saving footprint.



Safety Features

Enhanced Thermal Safety: The combination of an aluminium structural body and a thick 2.5 mm² copper cable ensures excellent heat dissipation across the entire unit.

Socket Shutters: Built-in protective red shutters prevent dust accumulation and accidental finger/tool contact with live internal brass contacts.



Technical Specification

Parameter	Details
Brand	Light Breeze
Model Configuration	LB-13-V-S-10-B-U-SPD-SW
Rated Current (RC)	13 Amp
Mount Type	Vertical (0U Rack Mount)
Feature Type	Basic Distribution with Advanced Protection
Output Capacity	10-Way
Section Type	Single Section
Socket Type	Universal (with internal safety shutters)
Protection Type	SPD (Surge Protective Device)
Control Interface	ON/OFF Master Power Switch (Illuminated)
Cable Specification	2.5 mm ² (RM) High-Conductivity Copper
Cable Length	2 Meters
Body Material	Heavy-duty Anodized Aluminium
Internal Conduction	Solid Copper Busbars
Body Color	Industrial Black
Installation Type	Server Rack / Cabinet Structural Rail Mount



Key Features

- **13A Continuous Rating:** Optimally engineered for IT hardware, networking enclosures, and lab work benches.
- **Integrated SPD Module:** Actively absorbs high-energy electrical surges and voltage transients, protecting downstream server power supplies.
- **Premium 2.5 mm² Cable:** Built with a heavy-duty 2.5 mm² (RM) cross-sectional area cable to drastically minimize voltage drops, lower electrical resistance, and prevent overheating under prolonged maximum loads.
- **10-Way Universal Outlets:** Accommodates a wide variety of global plug types (UK, US, EU, AU) without requiring separate adapters.
- **Zero-U Vertical Mounting:** Mounts seamlessly to the back of server enclosures, maximizing horizontal space for critical rack-mounted equipment.
- **Dedicated Master Switch:** Features a protected, illuminated ON/OFF rocker switch for quick emergency isolation or manual power cycling.

Application

- Enterprise Server Enclosures and Data Center Racks
- Network Closets and Telecom Main Distribution Frames (MDF)
- Industrial Automation and Control Panels
- Test Labs and Engineering Workstations
- High-Density AV Rack Installations

