

**Brand: Lightbreeze**

**Model: LB-63-V-S-24-D-C320-C94-R**

### Product Overview

The LightBreeze LB-63-V-S-24-D-C320-C94-R is a high-capacity, industrial-grade Power Distribution Unit (PDU) designed for demanding data center, server rack, and critical infrastructure applications. Built for 63A heavy-duty power handling, this vertical PDU ensures stable and efficient power distribution with advanced monitoring and safety protection features. It integrates a digital amp meter for real-time load visibility, making it suitable for modern high-density IT environments.

### Key Features

- High-capacity 63A power distribution capability
- 24 output outlets (20 × IEC C13 and 4 × IEC C19)
- Built-in digital amp meter for real-time current monitoring
- Vertical rack-mount design for efficient space utilization
- Heavy-duty 10.0 mm<sup>2</sup> copper input cable
- Industrial-grade aluminum housing with black finish
- High-conductivity copper internal busbar system
- Designed for continuous high-load operation
- Flexible installation with 1.8-meter input cable
- Suitable for mission-critical environments



Technical Specification	Specification
Brand	LightBreeze
Model	LB-63-V-S-24-D-C320-C94-R
Product Type	Power Distribution Unit (PDU)
Rated Current	63A (RC)
Mounting Type	Vertical
Feature Type	Digital (with Amp Meter)
Display	Digital Amp Meter
Section Type	Single Section
Total Output Ways	24
Outlet Configuration	20 × IEC C13, 4 × IEC C19
Protection Type	RCBO (Residual Current Breaker with Overcurrent Protection)
Overload Protection	Yes
Short Circuit Protection	Yes
Earth Leakage Protection	Yes
Input Cable Size	10.0 mm Heavy-Duty Copper Cable
Cable Length	1.8 Meter
Input Connector	Industrial Socket



## Applications

- DataCenters and Server Rooms
- Large-scale IT Infrastructure
- Telecommunications Facilities
- Network Distribution Cabinets
- Industrial Control Systems
- Cloud Computing and Hosting Facilities
- Edge Data Centers
- Critical Power Backup Systems
- Enterprise-Level Rack Installations
- High-load Electrical Distribution Systems

## Safety Features

- RCBO Protection(Residual Current + Overcurrent Protection combined)
- Overload Protection to prevent excessive load damage
- Short Circuit Protection for equipment and personnel safety
- Earth Leakage Protection to reduce electrical shock risks
- Industrial-grade insulation and housing design
- High-capacity copper conductors to minimize overheating
- Secure industrial input socket connection
- Real-time load monitoring via digital amp meter for preventive safety management

