

**Brand: Lightbreeze**

**Model: LB-32-V-S-20-GSIP-C316-C94-R**

## Product Overview

The LightBreeze LB-32-V-S-20-GSIP-C316-C94-R is a 32A vertical Power Distribution Unit (PDU) designed for reliable and efficient power distribution in data centers, server racks, and industrial IT environments. This model integrates group switching functionality (GSIP) along with RCBO protection and IP-rated monitoring capability, making it suitable for controlled and safe power management of multiple devices. Built with a rugged aluminum enclosure and high-quality copper internal conductors, it ensures stable performance under continuous load conditions.

## Key Features

- High-capacity 32A power distribution system
- 20 output outlets (16 × IEC C13, 4 × IEC C19)
- Integrated Group Switching (GSIP) for controlling outlet groups
- IP-based monitoring system (SNMIP) for power visibility
- Rugged industrial aluminum housing
- High-efficiency copper busbar internal wiring
- Vertical rack-mount design for optimized space usage
- Real-time load control through group switching functionality
- Designed for continuous 24/7 operation
- Industrial-grade input connection with IP protection



## Technical Specification

Parameter	Specification
Brand	LightBreeze
Model	LB-32-V-S-20-GSIP-C316-C94-R
Rated Current	32A (RC)
Mounting Type	Vertical
Section Type	Single Section
Total Output Ways	20
Outlet Configuration	16 × IEC C13, 4 × IEC C19
Feature Type	GSIP (Group Switching with IP Monitoring)
Protection Type	RCBO
Overload Protection	Yes
Short Circuit Protection	Yes
Earth Leakage Protection	Yes
Input Cable Size	6.0 mm <sup>2</sup> Copper Cable
Cable Length	1.8 Meter
Input Connector	Industrial Socket (IP-rated)
Monitoring Feature	SNMIP / IP Meter Monitoring System
Body Construction	Aluminum Alloy (Industrial Grade)



## Safety Features

- RCBO Protection for combined overload and earth leakage safety
- Overload Protection to prevent excessive current draw
- Short-Circuit Protection for equipment and system safety
- Earth Leakage Protection for enhanced electrical safety
- IP-rated monitoring and input system for environmental protection
- High-quality copper conductors to reduce overheating
- Strong aluminum enclosure for mechanical durability
- Group switching system helps reduce overload risk by load segmentation

## Applications

- Data Centers
- Server Rooms and Rack Systems
- Network Infrastructure Cabinets
- Telecommunications Equipment
- Cloud Hosting Facilities
- Industrial Automation Systems
- Edge Computing Environments
- Enterprise IT Power Distribution
- Remote-controlled rack power management systems
- Mission-critical infrastructure setups

