

**Brand: Lightbreeze**

**Model: LB-32-V-S-24-TMIP-C320-C94-R**

## Product Overview

The LightBreeze LB-32-V-S-24-TMIP-C320-C94-R is a 32A vertical rack-mounted Power Distribution Unit (PDU) designed for high-performance IT infrastructure, including data centers and server environments. It features advanced TMIP (Total Monitoring & IP/Metering functionality), providing enhanced visibility of power usage along with reliable RCBO protection for safe and stable operation.

This model is built for continuous monitoring, high-load distribution, and industrial-grade reliability, making it suitable for mission-critical applications.

## Key Features

- High-capacity 32A power distribution system
- Advanced TMIP monitoring system for total load visibility
- 24 output ports: 20 × C13 and 4 × C19 for mixed device compatibility
- Real-time power monitoring capability
- Heavy-duty 6.0 mm<sup>2</sup> copper input cable
- Rugged aluminum alloy body with industrial black finish
- High-quality copper internal busbar for efficient conductivity
- Vertical rack-mount design for space optimization
- Designed for continuous 24/7 operation
- Industrial-grade input connection with IP-rated protection



## Technical Specification

Parameter	Specification
Brand	LightBreeze
Model	LB-32-V-S-24-TMIP-C320-C94-R
Rated Current	32A (RC)
Mounting Type	Vertical
Section Type	Single Section
Monitoring Type	TMIP (Total Monitoring / IP Metering System)
Output Ways	24 Total Outlets
Socket Configuration	20 × IEC C13, 4 × IEC C19
Protection Type	RCBO
Input Cable Size	6.0 mm <sup>2</sup> Copper Cable
Cable Length	1.8 Meter
Input Connector	Industrial Socket (IP Rated)
Body Material	Aluminum Alloy (Industrial Grade)
Body Color	Industrial Black
Internal Conductor Material	High-Conductivity Copper Busbar
IP Feature	Industrial IP-rated protection (input connection)



## Safety Features

- RCBO Protection for leakage current + overload safety
- Overload Protection to prevent excessive current damage
- Short Circuit Protection for equipment and system safety
- Earth Leakage Protection to reduce shock hazards
- IP-rated industrial input socket for improved environmental resistance
- High-quality copper conductors to reduce heat buildup
- Strong aluminum enclosure for mechanical protection
- Real-time monitoring via TMIP system helps prevent overload conditions

## Applications

- Data Centers
- Server Rooms and Rack Systems
- Network Infrastructure Cabinets
- Telecommunications Equipment
- Cloud Hosting Facilities
- Industrial Control Systems
- Edge Computing Installations
- Enterprise IT Power Distribution
- Mission-Critical Monitoring Systems
- High-density rack environments

