

BEC PowerGuard RPS-1000

Remote Power Switch with Intelligent Control

BEC
by **BILLION**

The BEC PowerGuard RPS-1000 is a compact, cellular-enabled remote power switch designed to help businesses restore unresponsive equipment without dispatching a technician. With embedded LTE Cat M1/NB-IoT connectivity, the RPS-1000 provides out-of-band power control to restore operation with a simple power cycle, anytime, from anywhere.

Purpose-built for unattended and hard-to-reach deployments, the RPS-1000 enables remote power cycling, scheduled reboot, power loss alerting, and centralized management through BECentral® CloudEdge. It is ideal for ATMs, kiosks, digital signage, field cabinets, security equipment, routers, gateways, and other critical edge devices.



Stay Powered, Stay Connected

- Remote power control from anywhere
- Eliminate truck rolls and service calls
- Simple plug-and-play setup
- Deep in-building penetration

Key Features

- True out-of-band power control with embedded LTE Cat M1/NB-IoT connectivity
- Remote power cycle and hard reboot for offline or unresponsive equipment
- Scheduled reboot support to improve uptime and reduce manual intervention
- BECentral® CloudEdge management for centralized visibility and control
- Dying gasp alert sends a final notification upon power loss
- LTE-M/NB-IoT support for deep indoor and challenging coverage locations
- Integrated GNSS for location visibility and asset accountability
- Compact form factor for kiosks, cabinets, branch locations, and remote sites
- 15A maximum load with 90VAC to 240VAC input
- Rugged operating temperature range from -40°C to 70°C

Common Use Cases



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Outage to Recovery in Three Steps



Specifications

Cellular Connectivity

- LTE Cat M1 / NB-IoT
- 3GPP LTE Release 13/14 Cat M1, NB1, NB2 compliant
- LTE Cat M1: 1.1 Mbps DL / 0.3 Mbps UL
- LTE Cat NB1: 62.5 kbps DL / 27.2 kbps UL
- LTE Cat NB2: 160 kbps DL / 120.7 kbps UL
- Supported bands: B1, B2, B3, B4, B5, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B66, B85, B106

SIM/eSIM

- One 4FF Nano SIM slot
- SGP.32 eSIM option

Global Navigation Satellite (GNSS)

- Embedded GNSS engine for GPS
- Supports location visibility and tracking

Power Control

- Remote power cycle and hard reboot
- Scheduled reboot support
- Dying gasp alert upon power loss
- Out-of-band power management
- Restore connected devices without local network access

Hardware Specifications

- LTE antenna: One SMA female connector
- GNSS antenna: One SMA female connector
- Console: One USB Type-A
- Power input: 90VAC to 240VAC
- Maximum load: 15A
- Power consumption: Max. 1.8W
- AC OUT: NEMA 5-15R, controlled device receptacle
- AC IN: NEMA 5-15P, wall plug
- Dimensions: 120 x 70 x 48 mm
- Operating temperature: -40°C to 70°C
- IP rating: IP40

Management

- BECentral® CloudEdge Management