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**Data Sheet**
August 2, 2026

GE / BENTLY NEVADA

# GE / Bently Nevada 3500/15 175-264 VAC Power Supply Module

GE / Bently Nevada 3500/15 175-264 VAC Power Supply Module The GE / Bently Nevada 3500/15 isahalf-height power supply module for the 3500 Machinery Protection System rack. It installs in the left-side power slots and converts facility power to voltages used by other 3500 modules. The rack can use one or two supplies for redundancy; the lower slot is primary and the upper is backup. The catalog configuration 175-264 VAC corresponds to the Legacy High Voltage AC option (ordering AA/BB code 02): about 220 Vac nominal, 175 to 264 Vac rms (247 to 373 Vac peak), 47 to 63 Hz, used with the High Voltage AC Power Input Module (PIM). Full-rack current draw for high-voltage AC is about 2.3 A rms maximum. A Supply OK LED indicates proper operation. The GE / Bently Nevada 3500/15 isahalf-height power supply module for the 3500 Machinery Protection System rack. It installs in the left-side power slots and converts facility power to voltages used by other 3500 modules. The rack can use one or two supplies for redundancy; the lower slot is primary and the upper is backup. The catalog configuration 175-264 VAC corresponds to the Legacy High Voltage AC option (ordering AA/BB code 02): about 220 Vac nominal, 175 to 264 Vac rms (247 to 373 Vac peak), 47 to 63 Hz, used with the High Voltage AC Power Input Module (PIM). Full-rack current draw for high-voltage AC is about 2.3 A rms maximum. A Supply


| | |
|---|---|
| MODEL<br>GE / Bently Nevada 3500/15 | CALIBRATION<br>Available on request |
| CONDITION<br>Used | STATUS<br>In stock |
| RFQ / SKU<br>3500/15 | LISTING<br>https://aumictechlabs.com/products/3500-15-2/ |

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

## This unit

The GE / Bently Nevada 3500/15 is an AC/DC power supply module for the 3500 Series Machinery Protection System. This half-height module delivers regulated DC power to all rack components, operating as either primary or redundant supply in designated left-side slots. The system supports single or dual module configurations with hot-swap capability when redundancy is enabled, and accommodates multiple input voltage standards including legacy high/low voltage AC, universal voltage AC (47–63 Hz), and high/low voltage DC options. Technical Specifications Electrical Inputs: Legacy High Voltage AC: 175 to 264 Vac rms (247 to 373 Vac peak); nominal 220 Vac Legacy Low Voltage AC: 85 to 132 Vac rms (120 to 188 Vac peak); nominal 110 Vac Universal Voltage AC: 85 to 264 Vac rms (120 to 373 Vac peak); 47 to 63 Hz High Voltage DC: 88 to 140 Vdc Low Voltage DC: 20 to 30 Vdc Maximum Full Rack Current Draw: 175–264 Vac input: 2.3 A rms 85–132 Vac input: 4.5 A rms 88–140 Vdc input: 2.5 A 20–30 Vdc input: 10.0 A Environmental: Operating Temperature: −30 °C to +65 °C Storage Temperature: −40 °C to +85 °C Humidity: 95% non-condensing Key Features Dual-module redundancy support; lower slot hosts primary, upper slot hosts backup Hot insertion/removal without interrupting rack operation when second supply is present Over-voltage protection via PIM fuse; under-voltage conditions do not damage supply or PIM Made in USA Typical Applications Machinery protection and condition monitoring systems requiring continuous DC power to transducers, signal processors, and control modules in industrial environments with variable supply voltages. Compatibility & Integration Designed for 3500 Series racks with compatibility dependent on Power Input Module (PIM) revision. Legacy AC configurations (Rev. R and earlier PIMs, Rev. M and earlier Power Supply Modules) operate within 175–250 Vac rms (high voltage) or 85–125 Vac rms (low voltage). Universal voltage modules are not backward-compatible with legacy AC components.

## Features & description

From manufacturer datasheet

### Features

• Half-height 3500 rack power supply • Legacy High Voltage AC: 175-264 Vac rms • Works with High Voltage AC Power Input Module (PIM) • Single or dual (redundant) supply installation • Hot-swap tolerant when second supply installed • Supply OK front-panel LED • Self-monitoring of output voltages (system class)

## 3500 Characteristics / Specifications

| PARAMETER | VALUE |
|---|---|
| **Model** | 3500/15 |
| **Manufacturer** | GE / Bently Nevada |
| **Instrument Type** | Rack power supply module |
| **Configuration (this listing)** | High Voltage AC 175-264 VAC |
| **Input Voltage** | 220 Vac nominal; 175 to 264 Vac rms; 247 to 373 Vac pk |
| **Input Frequency** | 47 to 63 Hz |
| **Full Rack Current Draw (High Voltage AC)** | 2.3 A rms maximum |
| **Power Supply Module Dimensions** | 120.7 × 50.8 × 251.5 mm; about 1.39 kg |
| **Power Input Module Dimensions** | 120.7 × 25.4 × 114.3 mm; about 0.34 kg |
| **Operating Temperature** | -30 to +65 C (module environmental class) |
| **Storage Temperature** | -40 to +85 C |
| **Humidity** | 95% non-condensing |
| **Ordering Example** | 3500/15-AA-BB-CC with AA/BB = 02 High Voltage AC |
| **Related Spare** | AC Power Supply Module 127610-01; High Voltage AC PIM 125840-01 |
| **Related Options** | Low Voltage AC 85-132 Vac; Universal AC 85-264 Vac; HV/LV DC supplies Standard Operating Conditions Install only in designated left-side half-height slots with matching PIM behind the supply. Verify facility voltage matches 175-264 Vac HV AC option. Dual supplies may use different sources for redundancy. |
| **Legacy High Voltage AC** | 175-264 Vac rms |

## 3500 Specifications

| PARAMETER | VALUE |
| --- | --- |
| **Applications** | Primary or backup AC power for 3500/05 racks; high-voltage AC facility feeds in the 175-264 Vac range; redundant dual-supply installations. |
| **Key Features** | - Half-height 3500 rack power supply |
| **Technical Specifications** | Model: 3500/15 |
| **Operational Notes** | User title specifies 175-264 VAC—do not confuse with Universal AC (85-264 Vac) or Low Voltage AC (85-132 Vac) options. |

## General Specifications & Supplementary Characteristics

| PARAMETER | VALUE |
| --- | --- |
| **Storage temperature** | 40 to +85 C |
| **Operating temperature** | 30 to +65 C (module environmental class) |
| **Operating Temperature** | 30 to +65 C (module environmental class) |
| **Humidity** | 95% non-condensing |
| **Ordering Example** | 3500/15-AA-BB-CC with AA/BB = 02 High Voltage AC |
| **Related Spare** | AC Power Supply Module 127610-01; High Voltage AC PIM 125840-01 |
| **Related Options** | Low Voltage AC 85-132 Vac; Universal AC 85-264 Vac; HV/LV DC supplies Standard Operating Conditions Install only in designated left-side half-height slots with matching PIM behind the supply. Verify facility voltage matches 175-264 Vac HV AC option. Dual supplies may use different sources for redundancy. |

# Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

### Specifications

| PARAMETER | VALUE |
|---|---|
| **Model** | 3500/15 |
| **Manufacturer** | GE / Bently Nevada |
| **Instrument Type** | Rack power supply module |
| **Configuration (this listing)** | High Voltage AC 175-264 VAC |
| **Input Voltage** | 220 Vac nominal; 175 to 264 Vac rms; 247 to 373 Vac pk |

Note: Installations using older PIM/supply revisions may require 175-250 Vac rms

### Specifications

| PARAMETER | VALUE |
|---|---|
| **Input Frequency** | 47 to 63 Hz |
| **Full Rack Current Draw (High Voltage AC)** | 2.3 A rms maximum |
| **Power Supply Module Dimensions** | 120.7 x 50.8 x 251.5 mm; about 1.39 kg |
| **Power Input Module Dimensions** | 120.7 x 25.4 x 114.3 mm; about 0.34 kg |
| **Operating Temperature** | -30 to +65 C (module environmental class) |
| **Storage Temperature** | -40 to +85 C |
| **Humidity** | 95% non-condensing |

Ordering Example: 3500/15-AA-BB-CC with AA/BB = 02 High Voltage AC
Related Spare: AC Power Supply Module 127610-01; High Voltage AC PIM 125840-01
Related Options: Low Voltage AC 85-132 Vac; Universal AC 85-264 Vac; HV/LV DC supplies

Standard Operating Conditions
Install only in designated left-side half-height slots with matching PIM behind the supply. Verify facility voltage matches 175-264 Vac HV AC option. Dual supplies may use different sources for redundancy.

Operational Notes
User title specifies 175-264 VAC–do not confuse with Universal AC (85-264 Vac) or Low Voltage AC (85-132 Vac) options.

## Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: **sales@aumictech.com** · +1 (484) 841-9341

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