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**Data Sheet**

August 15, 2026

ELGAR

## Elgar AT8000 2.5V DC Power Module

Elgar AT8000 2.5 V Slave DC Power Module 5691288-62 Queue SKU 5691288-62 is the Elgar AT8000 2.5 V DC power module. Artisan 2.5 V slave overlay lists 0 to plus 2.5 VDC at 25.5 A. OEM AT8000A/B family documentation lists linear isolated DC modules, constant-voltage or constant-current, overcurrent sensing, overvoltage SCR crowbar, load isolation (confidence) relays, optional polarity relays, 200 W class modules, six modules in a 5.25 inch 19-inch mainframe (up to 1200 W paralleled), 16 channels / 19.2 kW multi-chassis, IEEE-488 GPIB with ABLE (AT8000A/B) and CIIL MATE (AT8000A), local keyboard or remote, optional BIT voltage/current readback. AT8000B is the CE-listed frame. Queue SKU 5691288-62 is the Elgar AT8000 2.5 V DC power module. Artisan 2.5 V slave overlay lists 0 to plus 2.5 VDC at 25.5 A. OEM AT8000A/B family documentation lists linear isolated DC modules, constant-voltage or constant-current, overcurrent sensing, overvoltage SCR crowbar, load isolation (confidence) relays, optional polarity relays, 200 W class modules, six modules in a 5.25 inch 19-inch mainframe (up to 1200 W paralleled), 16 channels / 19.2 kW multi-chassis, IEEE-488 GPIB with ABLE (AT8000A/B) and CIIL MATE (AT8000A), local keyboard or remote, optional BIT voltage/current readback. AT8000B is the CE-listed frame. ATE racks needing an isolated 2.5 V / 25.5 A linear channel in an AT8000 mainframe with



MODEL

**Elgar 5691288-62**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**5691288-62**

LISTING

<https://aumictechlabs.com/products/5691288-62-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

## This unit

The Elgar AT8000B - 2.5V MOD, part number 5691288-62, is a DC power module designed for integration into the Elgar AT8000B series of programmable DC power systems. This module functions as a "MOD Master" and provides a regulated 2.5V DC output. Technical Specifications \*

Module Type: DC Power Module, MOD Master Model: AT8000B - 2.5V MOD Part Number: 5691288-62 Output Voltage: 2.5V DC Maximum Output Current: 25.5A Maximum Output Power: 63.75W Compatibility The Elgar AT8000B - 2.5V MOD can be a module within the larger Elgar AT8000B series power systems. For specific master chassis compatibility and system configurations, consultation with the AT8000B series documentation is advised. Physical Characteristics While specific dimensions for the module itself are not readily available in the provided information, it can integrate into the AT8000B system chassis. Interfaces This module can interface with a master chassis within the Elgar AT8000B power system framework. Specific interface details would be found in the AT8000B system documentation. Electrical Characteristics

\* Output Voltage Regulation: Specific voltage regulation figures are not provided in the available data. Output Current: Capable of delivering up to 25.5A. Output Power: Maximum rated at 63.75W.

Why Choose Aumictech for the Elgar AT8000B - 2.5V MOD? At Aumictech, we specialize in supplying high-end programmable power systems and modules. Whether you need a precise 2.5V output for sensitive applications, reliable integration into your AT8000B power system, or solid power solutions for your laboratory or enterprise, our team ensures the Elgar AT8000B - 2.5V MOD delivers maximum performance for your application.

## AT8000 Characteristics / Specifications

| PARAMETER         | VALUE                                                                      |
|-------------------|----------------------------------------------------------------------------|
| Model             | 5691288-62                                                                 |
| Instrument Type   | AT8000 linear DC power module                                              |
| Family            | Elgar / Ametek AT8000A/B programmable DC power system                      |
| Output Voltage    | 0 to plus 2.5 VDC (2.5 V slave overlay)                                    |
| Output Current    | 25.5 A (2.5 V slave overlay)                                               |
| Module Class      | 200 W DC power supply module                                               |
| Topology          | linear, isolated output                                                    |
| Modes             | constant voltage or constant current                                       |
| Overvoltage       | SCR crowbar shutdown                                                       |
| Overcurrent       | overcurrent sensing standard                                               |
| Isolation Relays  | load isolation (confidence) relays standard                                |
| Polarity Relays   | optional                                                                   |
| Mainframe Height  | 5.25 inch, 19 inch rack                                                    |
| Modules Per Frame | six independent channels                                                   |
| Frame Power       | up to 1200 W with paralleled modules                                       |
| System Expand     | 16 channels, up to 19.2 kW multi-chassis, one GPIB address                 |
| Remote Interface  | IEEE-488 GPIB                                                              |
| Able Language     | Atlas Based Language Extension (AT8000A and AT8000B)                       |
| Ciil Language     | CIIL for USAF MATE (AT8000A)                                               |
| Local Control     | front-panel keyboard                                                       |
| Readback          | optional BIT voltage and current readback                                  |
| Ce Frame          | AT8000B CE listed/registered                                               |
| Manufacturer      | Elgar / Ametek                                                             |
| Literature        | Elgar AT8000A/B DC power system description and 2.5 V slave module overlay |

# AT8000 Specifications

| PARAMETER                      | VALUE                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------|
| Applications                   | ATE racks needing an isolated 2.5 V / 25.5 A linear channel in an AT8000 mainframe with GPIB ABLE/CIIL. |
| Key Features                   | 0 to 2.5 VDC, 25.5 A slave module                                                                       |
| Load isolation relays standard | 200 W class, six per 5.25 inch frame                                                                    |
| Technical Specifications       | Model: 5691288-62                                                                                       |

# 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                                                                                                         | 5691288-62                                                                 |
| Instrument Type                                                                                               | AT8000 linear DC power module                                              |
| Family                                                                                                        | Elgar / Ametek AT8000A/B programmable DC power system                      |
| Output Voltage                                                                                                | 0 to plus 2.5 VDC (2.5 V slave overlay)                                    |
| Output Current                                                                                                | 25.5 A (2.5 V slave overlay)                                               |
| Module Class                                                                                                  | 200 W DC power supply module                                               |
| Topology                                                                                                      | linear, isolated output                                                    |
| Modes                                                                                                         | constant voltage or constant current                                       |
| Overvoltage                                                                                                   | SCR crowbar shutdown                                                       |
| Overcurrent                                                                                                   | overcurrent sensing standard                                               |
| Isolation Relays                                                                                              | load isolation (confidence) relays standard                                |
| Polarity Relays                                                                                               | optional                                                                   |
| Mainframe Height                                                                                              | 5.25 inch, 19 inch rack                                                    |
| Modules Per Frame                                                                                             | six independent channels                                                   |
| Frame Power                                                                                                   | up to 1200 W with paralleled modules                                       |
| System Expand                                                                                                 | 16 channels, up to 19.2 kW multi-chassis, one GPIB address                 |
| Remote Interface                                                                                              | IEEE-488 GPIB                                                              |
| Able Language                                                                                                 | Atlas Based Language Extension (AT8000A and AT8000B)                       |
| Ciil Language                                                                                                 | CIIL for USAF MATE (AT8000A)                                               |
| Local Control                                                                                                 | front-panel keyboard                                                       |
| Readback                                                                                                      | optional BIT voltage and current readback                                  |
| Ce Frame                                                                                                      | AT8000B CE listed/registered                                               |
| Manufacturer                                                                                                  | Elgar / Ametek                                                             |
| Literature                                                                                                    | Elgar AT8000A/B DC power system description and 2.5 V slave module overlay |
| Notes                                                                                                         |                                                                            |
| From Elgar AT8000A/B family documentation and Artisan 2.5 V slave module overlay (0-2.5 V, 25.5 A). Queue P/N |                                                                            |

5691288-62 is that 2.5 V module; millivolt programming resolution belongs on the module nameplate.

### Available from Aumictech

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

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

#### Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.