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Data Sheet

August 14, 2026

BK PRECISION

BK Precision 1715 DC Power Supply

The BK Precision 1715 is a single-output linear DC laboratory power supply in the 1710/1715 family providing dual-range or high-current 0 to 60 V class capability depending on revision. General purpose bench DC power, education, and service applications requiring higher voltage than 30 V class supplies. Series parallel connection capability class Output Voltage Range Class: 0 to 60 VDC class family General purpose bench DC power, education, and service applications requiring higher voltage than 30 V class supplies. Series parallel connection capability class Output Voltage Range Class: 0 to 60 VDC class family Output Current Range Class: Dual range amp class per 1715 datasheet



MODEL

BK Precision 1715

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

1715

LISTING

<https://aumictechlabs.com/products/1715-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The BK Precision 1715 is a versatile single-output DC power supply a clean and stable power source for a wide array of electronic applications. It has adjustable voltage and current outputs with precise coarse and fine controls, along with continuous monitoring via dual LED displays. The unit's design emphasizes reliability and protection, featuring constant voltage (CV) and constant current (CC) modes with automatic crossover, reverse polarity protection, and current limiting. Its efficient design includes a pre-regulator to minimize internal power dissipation, enhancing reliability, especially at lower output voltages. The BK Precision 1715 can be configured in series or parallel for expanded output capabilities, making it suitable for laboratory, educational, and

industrial settings. Technical Specifications General: * Model: BK Precision 1715 Type: Single Output DC Power Supply Applications: Electronics Servicing, Electronics Manufacturing, Electronics Design Lab, Electronics Education, Battery Charging. Construction: Reliable and durable, designed to operate continuously at full load without overheating. Safety Features: Reverse polarity protection, current limiting, and overload protection. Output Characteristics: * Output Voltage: 0 to 60 VDC * Adjustable via coarse and fine controls. Output Current: 0 to 2 A * Adjustable via coarse and fine controls. Constant Voltage (CV) Operation: * Voltage Regulation (Line: 108-132 V): 0.01% + 3 mV * Voltage Regulation (Load: no load to full load): 0.01% + 3 mV * Recovery Time: 100 μ s typical * Ripple Voltage (Peak-to-Peak): 2 mV typical * Ripple Voltage (RMS): 1 mV typical * Temperature Coefficient: <300 ppm/ $^{\circ}$ C Constant Current (CC) Operation: * Current Regulation (Line: 108-132 V): 0.01% + 3 mA typical * Current Regulation (Load): 3 mA typical * Adjustable Current Range: 5% to 100% of maximum output current Crossover: Automatic switchover between CV and CC modes, indicated by LED indicators. Metering and Display: * Displays: Two 3-digit LED displays or 4-digit LED displays. * Voltage Display: Green LED display * Current Display: Red LED display Meter Accuracy: * Voltmeter Range Accuracy: (0.5% + 2 digits) * Ammeter Range Accuracy: (0.5% + 2 digits) Power and Efficiency: * Total Power Dissipation: Approximately 210 W or less at full load. Pre-Regulator: Incorporated to reduce internal power dissipation, enhancing reliability at low output voltages. Interfaces: * Output Terminals: Isolated from chassis and earth ground, allowing flexible connections. * Positive (+) and Negative (-) terminals can be strapped to ground or floated to an external voltage. Physical: * Dimensions (H x W x D): 6.2 x 5.5 x 12.5 inches Weight: 12 lbs Operating Temperature Range: +25 $^{\circ}$ C to +40 $^{\circ}$ C (partial load), up to +25 $^{\circ}$ C at full load. * Maximum current derated by 0.05 A per degree C above +25 $^{\circ}$ C. Storage Temperature Range: -15 $^{\circ}$ C to +70 $^{\circ}$ C Configuration Options: * Series Operation: Two supplies can be connected in series for a 0 to 120 VDC output. Parallel Operation: Two supplies can be connected in parallel (with appropriate balancing resistors) for up to twice the output current. Why Choose Aumictech for BK Precision 1715? At Aumictech, we specialize in supplying high-end electronic test and measurement equipment. Whether you need reliable DC power for sensitive circuit testing, precise voltage and current control for R&D projects, or solid and scalable power solutions for educational labs, our team ensures the BK Precision 1715 delivers maximum performance for your application.

1715 Characteristics / Specifications

PARAMETER	VALUE
Output Voltage Range Class	0 to 60 VDC class family
Output Current Range Class	Dual range amp class per 1715 datasheet
Regulation Class	Linear CV CC regulation
Line Regulation Voltage Class	0.01 percent plus mV class family
Load Regulation Voltage Class	0.01 percent plus mV class family
Ripple Voltage Class	Low mV ripple linear supply class
Current Limiting	Adjustable current limit
Operating Modes	Constant voltage and constant current
Metering	Front panel voltage and current meters
Protection	Current limiting and overload protection class
Form Factor	Benchtop linear DC supply
Primary Power	AC mains 115/230 class
Series Family	BK Precision 1710 / 1715 laboratory DC supplies
Applications Class	Education and service benches
Output Binding Posts	Front panel banana binding posts
Cooling	Convection cooled class
Display Type Class	Analog meters class typical
Weight Class	Benchtop linear supply weight
Isolation	Output floating relative to chassis class
Temperature Coefficient Class	Hundreds of ppm per Cclass family
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Export Classification Class	Commercial test equipment class
Humidity	Class: Up to 80 percent noncondensing class

1715 Specifications

PARAMETER	VALUE
BK Precision 1715 DC Power Supply	Overview
Applications	General purpose bench DC power, education, and service applications requiring higher voltage than 30 V class supplies.
Technical Specifications	Output Voltage Range Class: 0 to 60 VDC class family
Notes	From BK Precision 1715 DC Power Supply OEM product documentation. Confirm exact ratings on the faceplate and datasheet revision.

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
Output Voltage Range Class	0 to 60 VDC class family
Output Current Range Class	Dual range amp class per 1715 datasheet
Regulation Class	Linear CV CC regulation
Line Regulation Voltage Class	0.01 percent plus mV class family
Load Regulation Voltage Class	0.01 percent plus mV class family
Ripple Voltage Class	Low mV ripple linear supply class
Current Limiting	Adjustable current limit
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Metering	Front panel voltage and current meters
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Applications Class	Education and service benches
Output Binding Posts	Front panel banana binding posts
Cooling	Convection cooled class
Display Type Class	Analog meters class typical
Weight Class	Benchtop linear supply weight
Isolation	Output floating relative to chassis class
Temperature Coefficient Class	Hundreds of ppm perCclass family
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Export Classification Class	Commercial test equipment class
Notes	
From BK Precision 1715 DC Power Supply OEM product documentation. Confirm exact ratings on the faceplate and datasheet revision.	

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

Aumictech

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NIST-traceable calibration · SAM registered ·
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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.