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Data Sheet

August 14, 2026

HAMEG

Hameg HM8040 Triple Power Supply Module

Hameg HM8040-3 Triple Power Supply 2 × 0 to 20 V / 0.5 A and 5 V / 1 A The Hameg (Rohde & Schwarz) HM8040-3 is a triple linear power-supply module for the HM8001-2 mainframe. OEM data sheet values at 23 C after 30 minutes warm-up list two 0 to 20 V / 0.5 A outputs and one 5 V plus or minus 0.5 V / 1 A output, less than or equal to 1 mVrms ripple, 0.1 V / 1 mA display resolution, 200 us recovery for a 10-90 percent load step, and 135 × 68 × 228 mm / about 1.07 kg. Training, service, and laboratory dual-rail analog supplies with logic 5 V rail in the HM8000 modular system. The Hameg (Rohde & Schwarz) HM8040-3 is a triple linear power-supply module for the HM8001-2 mainframe. OEM data sheet values at 23 C after 30 minutes warm-up list two 0 to 20 V / 0.5 A outputs and one 5 V plus or minus 0.5 V / 1 A output, less than or equal to 1 mVrms ripple, 0.1 V / 1 mA display resolution, 200 us recovery for a 10-90 percent load step, and 135 × 68 × 228 mm / about 1.07 kg. Training, service, and laboratory dual-rail analog supplies with logic 5 V rail in the HM8000 modular system.



MODEL

Hameg HM8040-3

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

HM8040-3

LISTING

<https://aumictechlabs.com/products/hm8040-3-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Hameg HM8040-3 is a single channel, programmable power supply module that delivers up to 30V at 2A. This module works with use with Hameg modular mainframes, allowing for flexible and expandable test and measurement setups. Its full electronic control enables precise

adjustments and remote operation, making it suitable for automated testing environments and laboratory applications. It has capabilities for remote control.

HM8040 Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Triple linear modular power supply
Mainframe	HM8001-2 required
Twenty Volt Outputs	2 × 0 to 20 V continuously variable
Twenty Volt Current	max 0.5 A each
Twenty Volt Ripple	less than or equal to 1 mVrms
Current Limit Range	0 to 0.5 A continuously variable (limit or electronic fuse)
Recovery 10 To 90 Load	200 us
Transient Deviation 10 To	typically 2 mV
Dynamic Output Impedance 10 To	3.75 mOhm
Recovery 50 Percent Base Plus	150 us
Transient Deviation 50 Percent Base	400 uV
Dynamic Output Impedance 50 Percent Base	4 mOhm
Five Volt Range	5 V plus or minus 0.5 V screwdriver adjustment
Five Volt Ripple	less than or equal to 1 mVrms
Five Volt Current	max 1 A continuous, short-circuit-proof
Display	two 3-digit 7-segment LEDs, switchableVor mA
Display Resolution	0.1 V / 1 mA
Display Accuracy	plus or minus 1 digit voltage / plus or minus 4 digit current
Reverse Voltage Limit	25 V each output
Reverse Current Limit	500 mA each output
Voltage To Ground	100 V each terminal
Thermal Shutdown	75 C to 80 C internal temperature
Safety Class	classIEN61010-1
Mainframe Power Draw	1 × 8 V / 1 A; 2 × 24 V / 530 mA; 1 × 5 V / 400 mA; 18 VAC / 100 mA; sum 40 W

PARAMETER	VALUE
Two Module Current Cap	sum of all channels less than or equal to 2 A with two HM8040-3 in HM8001-2
Operating Temperature	plus 5 C to plus 40 C
Storage Temperature	minus 20 C to plus 70 C
Relative Humidity	5 to 80 percent non-condensing
Dimensions WxHxD	135 mm x 68 mm x 228 mm
Weight	approximately 1.07 kg
Total Power Class	25 W class module (family power-supply brochure)
Spec Ambient	23 C after 30 minutes warm-up
Humidity	5 to 80 percent non-condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 20 C to plus 70 C
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Weight	approximately 1.07 kg
Total Power Class	25 W class module (family power-supply brochure)
Spec Ambient	23 C after 30 minutes warm-up Notes Numeric rows from Hameg/R&S HM8040-3 triple power supply data sheet (23 C, 30 minute warm-up). Module requires the HM8001-2 mainframe.

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	
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Notes

Numeric rows from Hameg/R&S HM8040-3 triple power supply data sheet (23 C, 30 minute warm-up). Module requires the HM8001-2 mainframe.

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