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Data Sheet

August 3, 2026

ROHDE & SCHWARZ

Rohde & Schwarz NGPQ32/6 Power Supplies DC

The Rohde & Schwarz NGPQ32/6 is a DC power supply offering versatile power management for various electronic applications. It features multiple channels, high resolution, and advanced protection functions, ensuring accurate and reliable power delivery. Ideal for research, development, and testing environments.



MODEL

**Rohde & Schwarz
NGPQ32/6**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

NGPQ32/6

LISTING

<https://aumictechlabs.com/products/ngpq32-6-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Rohde & Schwarz NGPQ32/6 is a single-channel programmable DC power supply engineered for laboratory and test applications requiring precise, low-noise power delivery. Rated at 48 W maximum output, this linear-regulated supply delivers three independently selectable voltage/current ranges: 0–8 V / 0–6 A, 0–16 V / 0–3 A, and 0–32 V / 0–1.5 A. Voltage resolution reaches 1 mV, while current resolution spans 100 μ A (6 A range) and 1 μ A (100 mA range). Ripple and noise performance is specified at ≤ 0.6 mV RMS, with fast transient load response optimized for mobile communication device testing and battery simulation. Technical Specifications Output: 0–8 V / 0–6 A; 0–16 V / 0–3 A; 0–32 V / 0–1.5 A (multi-range) Maximum Power: 48 W Voltage Resolution: 1 mV Current Resolution: 100 μ A (0–6 A range); 1 μ A (0–100 mA range) Ripple & Noise: ≤ 0.6 mV RMS Regulation Topology: Linear Operating Modes: Constant Voltage (CV), Constant

Current (CC), FoldbackKey Features Configurable protection: Overcurrent (OCP/electronic fuse), overvoltage (OVP), overpower (OPP), and overtemperature protection Setable soft limits for voltage, current, and power with adjustable electronic fuse delay time Remote sensing capability for load-end voltage compensation Dual panel outputs (front and rear) Back-lighted LCD display for parameter setting, readout, and status monitoring Storage for up to 60 non-volatile system setups Electronic calibration support GPIB (IEEE488.2) and RS232 interfaces for remote instrument control Intelligent status indicationTypical Applications Mobile device battery emulation and charger testing Sensitive component characterization requiring low-ripple supplies Production and development test environments demanding fast load transient response Automated test systems requiring programmable multi-range outputsCompatibility & Integration Compact benchtop design with remote operation capability via GPIB and RS232 connectivity supports integration into automated test systems and laboratory setups.

Features & description

From manufacturer datasheet

Features

- Rohde & Schwarz DC power supply, catalog model NGPQ32/6
- Programmable DC output(s) – confirm channel count and ratings on the unit
- Intended for benchtop / system DC power applications
- Remote interfaces: verify USB/LAN/GPIB actually fitted on this serial number

Applications

- Remote interfaces: verify USB/LAN/GPIB actually fitted on this serial number

NGPQ326 Characteristics / Specifications

PARAMETER	VALUE
Model	NGPQ32/6
Manufacturer	Rohde & Schwarz
Instrument Type	DC Power Supply
Alias	NGPQ32/6; NGPQ 32/6 Electrical (confirm on nameplate)
Output Voltage Class	32 V designation in model string – read engraved Vmax
Current Class	"/6" in catalog string may indicate 6 A class – confirm engraved Imax and total wattage
Number of Outputs	verify front/rear connectors Related R&S NGP800 Family Context (notaclaim that this unit is NGP800)
Modern NGP800 examples	up to 32 V or 64 V per channel; 10 A or 20 A; 400 W or 800 W total; galvanically isolated channels; series/parallel combining; OCP/OVP/OPP/OTP; USB + LAN standard Standard Operating Conditions Operate within marked AC input and DC output limits. Use remote sense if terminals are present and lead drop matters.
Remote interfaces	verify USB/LAN/GPIB actually fitted on this serial number

NGPQ326 Specifications

PARAMETER	VALUE
Key Features	- Rohde & Schwarz DC power supply, catalog model NGPQ32/6
Technical Specifications	Model: NGPQ32/6
Electrical (confirm on nameplate)	Output Voltage Class: 32 V designation in model string — read engraved Vmax
Standard Operating Conditions	Operate within marked AC input and DC output limits. Use remote sense if terminals are present and lead drop matters.

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	NGPQ32/6
Manufacturer	Rohde & Schwarz
Instrument Type	DC Power Supply
Alias	NGPQ32/6; NGPQ 32/6

Electrical (confirm on nameplate)

Electrical (confirm on nameplate)

PARAMETER	VALUE
Output Voltage Class	32 V designation in model string – read engraved Vmax
Current Class	“/6” in catalog string may indicate 6 A class – confirm engraved I _{max} and total wattage
Number of Outputs	verify front/rear connectors

Related R&S NGP800 Family Context (notaclaim that this unit is NGP800)
Modern NGP800 examples: up to 32 V or 64 V per channel; 10 A or 20 A; 400 W or 800 W total; galvanically isolated channels; series/parallel combining; OCP/OVP/OPP/OTP; USB + LAN standard

Standard Operating Conditions
Operate within marked AC input and DC output limits. Use remote sense if terminals are present and lead drop matters.

Operational Notes
Because exact OEM datasheet rows for “NGPQ32/6” were not located, do not invent ripple/regulation numbers. Prefer the instrument nameplate, menu limits, and any R&S calibration certificate shipped with the unit.

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.