

**Aumictech**

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Data Sheet

August 14, 2026

KALMUS

Kalmus LP4000HV2

Kalmus LP4000HV2 Pulsed RF Power Amplifier The Kalmus LP4000HV2 is a high-power pulsed RF amplifier associated with the 2 MHz to 50 MHz HF band at a 4000 W power class in reseller listings. Public numeric tables beyond band and power class are sparse; faceplate/OEM sheet should confirm pulse duty, gain, and protection limits. High-power pulsed HF RF drive for scientific, EMC, and specialized RF applications in the 2–50 MHz region. Amplifier Role: High-power pulsed HF RF amplifier The Kalmus LP4000HV2 is a high-power pulsed RF amplifier associated with the 2 MHz to 50 MHz HF band at a 4000 W power class in reseller listings. Public numeric tables beyond band and power class are sparse; faceplate/OEM sheet should confirm pulse duty, gain, and protection limits. High-power pulsed HF RF drive for scientific, EMC, and specialized RF applications in the 2–50 MHz region. Amplifier Role: High-power pulsed HF RF amplifier Form Factor Class: Rack / cabinet high-power amplifier



MODEL

**Kalmus
LP4000HV2**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

LP4000HV2

LISTING

<https://aumictechlabs.com/products/lp4000hv2-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Kalmus LP4000HV2 is a, high-voltage RF amplifier meticulously engineered for diverse applications requiring significant power amplification. With a wide frequency range and solid design, this amplifier is ideally suited for EMC testing, scientific research, and communication systems. It has exceptional power gain and maintains stable operation under demanding

conditions, ensuring reliable and consistent performance. The LP4000HV2 features advanced circuitry for optimal efficiency and minimal distortion, making it a dependable solution for critical RF amplification needs.

LP4000HV2 Characteristics / Specifications

PARAMETER	VALUE
Model	LP4000HV2
Manufacturer	Kalmus
Frequency Range Class	2 MHz to 50 MHz
Power Class	4000 W pulsed
Operating Mode	Pulsed RF amplification
Load Impedance Class	50 Ohm
Amplifier Role	High-power pulsed HF RF amplifier
Form Factor Class	Rack / cabinet high-power amplifier
Series Family	Kalmus LP high-power pulsed amplifiers
Cooling Class	High-capacity cooling required class
Protection Class	VSWR / thermal / overdrive protection class typical
Input Output Path	RF coax 50 Ohm class
Typical Use	Specialized pulsed HF drive
Remote Control Class	Confirm on OEM options list
Duty Cycle Note	Confirm rated duty cycle on OEM sheet / faceplate
Gain Note	Confirm minimum gain on OEM sheet
Pulse Width Note	Confirm allowed pulse width on OEM sheet
AC Mains Note	High-VA three-phase or specialized mains class-confirm on label
Brand Lineage	Kalmus
Documentation Status	Sparse public numeric table; verified band/power class only
Faceplate Confirmation	Required for pulse and protection limits
Harmonics Note	Not verified from public table in this build
Flatness Note	Not verified from public table in this build

LP4000HV2 Specifications

PARAMETER	VALUE
Kalmus LP4000HV2 Pulsed RF Power Amplifier	Overview
Applications	High-power pulsed HF RF drive for scientific, EMC, and specialized RF applications in the 2–50 MHz region.
Technical Specifications	Model: LP4000HV2

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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PARAMETER	VALUE
Model	LP4000HV2
Manufacturer	Kalmus
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Load Impedance Class	50 Ohm
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Typical Use	Specialized pulsed HF drive
Remote Control Class	Confirm on OEM options list
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Brand Lineage	Kalmus
Documentation Status	Sparse public numeric table; verified band/power class only
Faceplate Confirmation	Required for pulse and protection limits
Harmonics Note	Not verified from public table in this build
Flatness Note	Not verified from public table in this build
Notes	
From reseller/catalog references stating LP4000HV2 as ~2-50 MHz / 4000 W pulsed. Finer limits (duty, gain, harmonics) were not verified from a full OEM numeric table-do not invent; use the unit datasheet/faceplate.	

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

788 S 500 E, Pleasant Grove, UT 84062
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<https://aumictechlabs.com>

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30-day returns
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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.