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Data Sheet

August 15, 2026

ANALYTIC SYSTEMS

Analytic Systems IPS1500MS

Analytic Systems IPS1500MS Inverter Power Supply The Analytic Systems IPS1500MS is a 1500 W class inverter/power supply. OEM Analytic Systems IPS1500 literature covers rugged DC-AC or DC-DC power conversion unit in the IPS 1500 W family for industrial and mobile power. Industrial and mobile 1500 W class power conversion. 1500 W class IPS family Analytic Systems inverter/supply Rugged conversion Industrial and mobile power MS suffix build The Analytic Systems IPS1500MS is a 1500 W class inverter/power supply. OEM Analytic Systems IPS1500 literature covers rugged DC-AC or DC-DC power conversion unit in the IPS 1500 W family for industrial and mobile power. Industrial and mobile 1500 W class power conversion. 1500 W class IPS family Analytic Systems inverter/supply Rugged conversion Industrial and mobile power MS suffix build Application Class: industrial and mobile power



MODEL

**Analytic Systems
IPS1500MS**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

IPS1500MS

LISTING

<https://aumictechlabs.com/products/ips1500ms-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Analytic Systems IPS1500MS is a digitally controlled pure sine wave inverter that converts DC battery power into stable, regulated AC output. Engineered for mobile and stationary applications, it delivers high efficiency through MOSFET switching topology and precision DSP regulation. The unit features comprehensive input and output protection, low EMI design, and field-configurable operating parameters via USB software interface. Technical Specifications Product Line: IPSi

Series Topology: Digitally Controlled Intelligent Pure Sine Wave Inverter Output Voltage: 110 VAC or 220 VAC (user selectable, $\pm 10\%$ tolerance) Output Frequency: 50 Hz or 60 Hz (user selectable) Output Waveform: Pure sine wave Efficiency: High efficiency via MOSFET switching network and toroidal transformer Control: Digital Signal Processor for voltage and frequency regulation EMI Filtering: Low EMI design to protect sensitive equipment from interference

Key Features Over-temperature warning and shutdown on input and output Current limiting and short circuit protection (input and output) Programmable low voltage shutdown thresholds Over-voltage protection standard Input fuse protection included Free Power Wizard software for PC configuration via micro-USB Selectable output frequency and voltage adjustment (within $\pm 10\%$ of nominal) In-depth operating data logging and monitoring Optional AC input for UPS functionality Optional dry contact fail indication output Optional remote on/off control Optional RS232 remote monitoring interface Optional remote control panel with LED status mirroring

Physical & Environmental IP66 water-resistant or IP67 billet machined chassis options All-aluminum, anodized or powder-coated construction Engineered for harsh operating environments

Integration Configuration and monitoring through standard micro-USB interface with downloadable Power Wizard software. Remote monitoring and control options support RS232 communications and discrete contact outputs.

IPS1500MS Characteristics / Specifications

PARAMETER	VALUE
Model	IPS1500MS
Instrument Type	inverter / power supply
Family	Analytic Systems IPS1500
Manufacturer	Analytic Systems
Power Class	1500 W
Form Factor	rugged power converter
Application Class	industrial and mobile power
System Role	inverter/power supply
Use Case	1500 W conversion
Documentation Type	OEM Analytic Systems IPS1500MS listing
Build Suffix	MS
Input Class	IPS1500 input voltage on the sheet
Output Class	IPS1500 output on the sheet
Efficiency Class	IPS1500 efficiency on the sheet
Protection Class	IPS1500 protection on the sheet
Operating Temperature Class	IPS1500 ambient on the sheet
Brand Lineage	Analytic Systems
Literature	Analytic Systems IPS1500MS inverter/power supply literature
Cooling Class	IPS1500 cooling on the sheet
Isolation Class	IPS1500 isolation on the sheet
Mounting Class	chassis
Connector Class	power terminals
Humidity Class	IPS1500 humidity on the sheet
Regulation Class	IPS1500 regulation on the sheet
Frequency Class	AC output frequency if inverter build

PARAMETER	VALUE
Waveform Class	IPS1500 waveform on the sheet
Operating temperature	Class: IPS1500 ambient on the sheet
Humidity	Class: IPS1500 humidity on the sheet

IPS1500MS Specifications

PARAMETER	VALUE
Analytic Systems IPS1500MS Inverter Power Supply	Overview
Applications	Industrial and mobile 1500 W class power conversion.
Key Features	1500 W class IPS family
Technical Specifications	Model: IPS1500MS

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: IPS1500 ambient on the sheet
Operating Temperature	Class: IPS1500 ambient on the sheet
Humidity	Class: IPS1500 humidity on the sheet
Operating Temperature Class	IPS1500 ambient on the sheet
Brand Lineage	Analytic Systems
Literature	Analytic Systems IPS1500MS inverter/power supply literature
Cooling Class	IPS1500 cooling on the sheet
Isolation Class	IPS1500 isolation on the sheet
Mounting Class	chassis
Connector Class	power terminals
Humidity Class	IPS1500 humidity on the sheet
Regulation Class	IPS1500 regulation on the sheet
Frequency Class	AC output frequency if inverter build
Waveform Class	IPS1500 waveform on the sheet Notes From Analytic Systems IPS1500 family listings for IPS1500MS (1500 W class). Exact V/I, waveform, and efficiency are on the IPS1500MS sheet; do not invent watt derating.

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

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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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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
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.