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Data Sheet

August 15, 2026

CONVERTER CONCEPTS INC.

Converter Concepts Inc. VT50-371-10/XH

The Converter Concepts Inc. VT50-371-10/XH is a DC-DC converter designed for various industrial and mobile applications. It accepts a wide range of DC input voltages and provides a stable and isolated DC output voltage. Features include high efficiency, compact size, and rugged construction.



MODEL

**Converter
Concepts Inc.
VT50-371-10/XH**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

VT50-371-10/XH

LISTING

<https://aumictechlabs.com/products/vt50-371-10-xh-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The VT50-371-10/XH is a DC-DC converter from the VT50 Series manufactured by Converter Concepts, Inc. This isolated DC-DC converter transforms a range of DC input voltages into a stable, regulated DC output voltage. Engineered for industrial, transportation, and mobile applications, the unit delivers high efficiency and compact construction while maintaining performance across demanding operational environments. Technical Specifications The VT50-371-10/XH provides regulated DC output with isolation between input and output stages. The converter accepts a wide input voltage range and can operate reliably across temperature fluctuations and vibration stress typical of field deployment. Key Features High conversion efficiency minimizing power dissipation Compact form factor enabling space-constrained integration Isolated output configuration for ground-loop elimination Regulated voltage output

ensuring load stability Rugged construction rated for harsh environmental conditions Input overvoltage and output short-circuit protection Typical Applications The VT50-371-10/XH suits systems requiring isolated power conversion from battery or DC source supplies. Common uses include mobile platforms, transportation vehicle power distribution, industrial control systems, and remote instrumentation requiring stable auxiliary power rails. The isolation rating makes this converter suitable for multi-rail systems where ground separation is critical. Compatibility & Integration This model integrates into standard 19-inch rack installations and OEM equipment requiring modular power conversion. The VT50 Series design philosophy prioritizes straightforward integration into existing power architectures without requiring external filtering or regulation components. Pin configuration and mechanical footprint align with industry-standard isolated converter packaging conventions, enabling rapid deployment in production environments.

VT5037110XH Characteristics / Specifications

PARAMETER	VALUE
Model	VT50-371-10/XH
Instrument Type	embedded power supply
Manufacturer	Converter Concepts Inc.
Literature	Converter Concepts VT50-371-10/XH power supply listing
Family	Converter Concepts VT50
Form Factor	embedded power supply
System Role	embedded power supply
Brand Lineage	Converter Concepts Inc.
Queue Title	Converter Concepts Inc. VT50-371-10/XH
Documentation Type	OEM VT50-371-10/XH listing
Use Case	Embedded bulk DC in OEM hosts that specify Converter Concepts VT50-371-10/XH
Vendor Path	Converter Concepts Inc.
Year Class	VT50-371-10/XH generation
Application Class	embedded power supply
Module Class	embedded power supply
Host Class	instrument host per drawing
Connector Class	connectors on the VT50-371-10/XH drawing
Ate Class	embedded power
Control Class	VT50-371-10/XH front panel / firmware
Environment Class	ambient on the VT50-371-10/XH sheet
Mains Class	mains on the VT50-371-10/XH nameplate
Voltage Class	volts on the VT50-371-10/XH nameplate
Current Class	amperes on the VT50-371-10/XH nameplate
Base Model	VT50
Config	371-10/XH remaining-queue suffix

PARAMETER	VALUE
Pin Class	pinout on the VT50-371-10/XH drawing
Cooling Class	cooling on the VT50-371-10/XH sheet
Safety Class	safety marks on the VT50-371-10/XH label

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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Manufacturer	Converter Concepts Inc.
Literature	Converter Concepts VT50-371-10/XH power supply listing
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Year Class	VT50-371-10/XH generation
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Ate Class	embedded power
Control Class	VT50-371-10/XH front panel / firmware
Environment Class	ambient on the VT50-371-10/XH sheet
Mains Class	mains on the VT50-371-10/XH nameplate
Voltage Class	volts on the VT50-371-10/XH nameplate
Current Class	amperes on the VT50-371-10/XH nameplate
Base Model	VT50
Config	371-10/XH remaining-queue suffix

PARAMETER	VALUE
Pin Class	pinout on the VT50-371-10/XH drawing
Cooling Class	cooling on the VT50-371-10/XH sheet
Safety Class	safety marks on the VT50-371-10/XH label

Notes
From remaining-queue title (Converter Concepts VT50-371-10/XH). Volts, amperes, and pinout are on the VT50-371-10/XH label.

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.