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Data Sheet

August 15, 2026

ADVANCED ENERGY / ARTESYN / COMPUTER PRODUCTS

Advanced Energy / Artesyn / Computer Products NFS45-7630 Power Supply Board

The Advanced Energy NFS45-7630 is a power supply board designed for various electronic applications. It provides reliable and efficient power conversion, ensuring stable operation of connected devices. With its compact design and solid construction, it is suitable for integration into a wide range of systems. It offers essential protection features such as overvoltage and overcurrent protection, enhancing the safety and longevity of the equipment it powers.



MODEL

**Advanced Energy /
Artesyn /
Computer
Products NFS45-
7630**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

NFS45-7630

LISTING

[https://aumictechlabs.c
om/products/nfs45-763
0-2/](https://aumictechlabs.com/products/nfs45-7630-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Advanced Energy NFS45-7630 is a board-level power supply designed for industrial and enterprise electronic systems. This power conversion board integrates overvoltage and overcurrent protection to ensure stable operation across diverse equipment architectures. The compact form factor enables direct integration into system designs without requiring external enclosure provisions, making it suitable for engineers and integrators working with modular power

distribution requirements. Technical Specifications Model: NFS45-7630 Manufacturer: Advanced Energy / Artesyn / Computer Products Form Factor: Board Level Protection Features: Overvoltage Protection, Overcurrent Protection Key Features Integrated safety mechanisms for overcurrent and overvoltage conditions Optimized board-level design for direct system integration Compact construction suited to space-constrained applications Typical Applications Industrial power conversion systems Enterprise-grade electronic equipment Modular power distribution architectures Compatibility & Integration The NFS45-7630 integrates directly into system designs without standalone enclosure requirements. Board-level implementation allows flexible mounting and interconnection within host equipment.

NFS457630 Characteristics / Specifications

PARAMETER	VALUE
Model	NFS45-7630
Instrument Type	Open frame AC/DC power supply board
Family	NFS45
Output Power	45 W
Manufacturer	Artesyn Computer Products Advanced Energy
Mechanical Package	open frame PCB
Input	universal AC class
Cooling	convection
Safety Class	IEC/UL
Outputs	multiple DC rails
Operating Temperature Class	0 to 50 C convection
Holdup Class	milliseconds at nominal line
Isolation	input to output safety isolation
Ripple Class	switching PSU ripple
Protection	overcurrent overvoltage
Grounding	earth
Connector	board header
Duty	continuous
Humidity Class	non condensing
Storage Temperature Class	minus 40 to 85 C
Efficiency Class	switching
Inrush Class	limited
Related Nfn	NFN40-7608 40 W class peer
Related Nan	NAN40-7615 40 W class peer
Storage temperature	Class: minus 40 to 85 C

PARAMETER	VALUE
Operating temperature	Class: 0 to 50 C convection
Humidity	Class: non condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 40 to 85 C
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Storage Temperature Class	minus 40 to 85 C
Efficiency Class	switching
Inrush Class	limited
Related Nfn	NFN40-7608 40 W class peer
Related Nan	NAN40-7615 40 W class peer Notes Identity from Advanced Energy/Artesyn/Computer Products NFS45-7630 Power Supply Board listing. Exact output voltages and currents for dash 7630 are on the NFS45 model-configuration table.

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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Humidity Class	non condensing
Storage Temperature Class	minus 40 to 85 C
Efficiency Class	switching
Inrush Class	limited
Related Nfn40	NFN40-7608 40 W class peer
Related Nan40	NAN40-7615 40 W class peer

Notes

Identity from Advanced Energy/Artesyn/Computer Products NFS45-7630 Power Supply Board listing. Exact output voltages and currents for dash 7630 are on the NFS45 model-configuration table.

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.