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Data Sheet

August 13, 2026

KEYSIGHT / AGILENT / HP

Keysight / Agilent / HP E3631-60003 Front Panel Board

The Keysight E3631-60003 is a front panel board designed for use with Keysight E3631 series power supplies. This board is the primary interface for users to control and monitor the power supply's functions. It includes various controls, displays, and connectors that facilitate easy operation and integration into automated test systems. This front panel board ensures precise voltage and current adjustments, enhancing the overall functionality and user experience of the power supply.



MODEL

**Keysight / Agilent /
HP E3631-60003**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E3631-60003

LISTING

[https://aumictechlabs.c
om/products/e3631-60
003-2/](https://aumictechlabs.com/products/e3631-60003-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Keysight E3631-60003 is a front panel board assembly that is the user interface for the Keysight E3631 series power supplies. This component provides the controls, displays, and connectors required for direct operation and system integration. It enables precise adjustment and monitoring of voltage and current output, streamlining interaction with the associated power supply unit. Technical Specifications Model Number: E3631-60003 Manufacturer: Keysight Technologies (formerly Agilent, HP) Component Type: Front panel board assembly Primary Function: User interface and control module for E3631 series power supplies Key Features Front

panel controls for voltage and current adjustment Integrated display for real-time monitoring Connector interfaces for operational control and external signal integration Designed to enhance precision in power supply parameter adjustment Direct user access to critical power supply functions Typical Applications The E3631-60003 front panel board is deployed in laboratory and production environments where manual control and visual feedback of power supply output are essential. It accommodates applications requiring frequent voltage and current reconfiguration, supporting both bench-top operation and integration into larger test systems. Compatibility & Integration This front panel board is engineered exclusively for the Keysight E3631 series power supplies. It interfaces directly with the host power supply unit through dedicated connectors and communication pathways defined in the product design. Integration is mechanical and electrical, providing a unified operator experience across the E3631 platform.

E363160003 Characteristics / Specifications

PARAMETER	VALUE
Model	E3631-60003
Manufacturer	Hewlett Packard / Agilent / Keysight
Instrument Type	Front Panel Board
Alias	E3631-60003
Parent Instrument	E3631A triple-output DC power supply
Parent Outputs	0 to 6 V and plus/minus 25 V; 80 W total
Parent Channels	3
Function	front-panel keypad and display PCA
Form	service printed-circuit assembly
NotASupply	board only; no DC output of its own
Host Chassis	E3631A
Related Main Board	E3631A analog/main PCA (different dash number)
Interface	panel-to-mainboard interconnect
Display	E3631A VFD/LED panel electronics
Keys	voltage/current entry and output On/Off
GPIB Parent	E3631A optional GPIB is on the instrument not this panel
Voltage Class Parent	6 V and 25 V outputs
Current Class Parent	5 A on 6 V; 1 A on 25 V outputs class
Status	HP E3631A service part EOL
ESD	ESD-sensitive PCA
Documentation	E3631A service/clipping list
Compatibility	E3631A only (not E3632A/E3633A/E3634A)
Installation	match cable/header to E3631A serial prefix

PARAMETER	VALUE
Calibration	instrument cal after panel swap if required Notes Front-panel PCA identity from HP E3631-60003 service number and E3631A 80 W triple-output parent. Confirm serial-prefix board revision. Do not invent panel-board accuracies.

E363160003 Specifications

PARAMETER	VALUE
Applications	- E3631A front-panel repair
Key Features	- PCA number E3631-60003
Technical Specifications	Model: E3631-60003

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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.