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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6472C DC Power Supply

HP Agilent 6472C SCR-10 DC Power Supply 0 to 64 V 0 to 150 A The HP 6472C is an SCR-10 family constant-voltage/constant-current supply. OEM 6472C operating and service manual 06472-90002 and SCR-10 series literature document 0 to 64 V / 0 to 150 A output, three-phase AC input options, remote programming, remote sensing, and auto-series/auto-parallel operation. A typical 460 Vac three-phase nameplate lists 20 kVA max input and about 500 lb mass. High-current industrial DC sourcing, magnet and burn-in supplies, and CV/CC battery work at 64 V class. The HP 6472C is an SCR-10 family constant-voltage/constant-current supply. OEM 6472C operating and service manual 06472-90002 and SCR-10 series literature document 0 to 64 V / 0 to 150 A output, three-phase AC input options, remote programming, remote sensing, and auto-series/auto-parallel operation. A typical 460 Vac three-phase nameplate lists 20 kVA max input and about 500 lb mass. High-current industrial DC sourcing, magnet and burn-in supplies, and CV/CC battery work at 64 V class. Auto-series and auto-parallel master-slave



MODEL

**Agilent / Keysight
6472C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6472C

LISTING

<https://aumictechlabs.com/products/6472c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6472C spectrometer offers exceptional sensitivity and resolution, making it suitable for complex spectral analysis. Its solid design ensures long-term stability and accuracy. With advanced software and user-friendly interface, the 6472C streamlines data acquisition and

processing. This spectrometer provides solutions for researchers and professionals requiring top-tier spectral performance.

6472C Characteristics / Specifications

PARAMETER	VALUE
Model	6472C
Instrument Type	Constant voltage constant current DC power supply
Series Family	HP SCR-10
Output Voltage Range	0 to 64 V
Output Current Range	0 to 150 A
Output Power Class	9.6 kW at ratedVandIRegulation Architecture: SCR regulator with transistor control
Input Option 0	208 Vac plus or minus 10 percent 3 phase 57 to 63 Hz
Fifty Hz Input	code 005 realignment of 60 Hz standard
Crowbar Code	006 internal overvoltage crowbar
Crowbar Response	conducting SCR across load within 10 us after trip
Caster Accessory	HP 14545A four snap-on casters
Output Connection	rear heavy busbars
Remote Programming	external voltage or resistance
Meters	front panel analog voltage and current
Mechanical Package	industrial cabinet SCR-10
Typical Mass Example	about 500 lb on 460 Vac 20 kVA configurations
Literature	HP 6472C Operating and Service Manual 06472-90002 July 1971

6472C Specifications

PARAMETER	VALUE
Applications	High-current industrial DC sourcing, magnet and burn-in supplies, and CV/CC battery work at 64 V class.
Automatic CV to CC crossover	Remote voltage or resistance programming
Technical Specifications	Model: 6472C

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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Series Family	HP SCR-10
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Output Current Range	0 to 150 A
Output Power Class	9.6 kW at rated V and I
Regulation Architecture	SCR regulator with transistor control
Input Option 001	208 Vac plus or minus 10 percent 3 phase 57 to 63 Hz
Input Option 002	230 Vac plus or minus 10 percent 3 phase 57 to 63 Hz
Input Option 003	460 Vac plus or minus 10 percent 3 phase 57 to 63 Hz
Input Option 031	380 Vac plus or minus 10 percent 3 phase 57 to 63 Hz
Input Option 032	400 Vac plus or minus 10 percent 3 phase 57 to 63 Hz
Fifty Hz Input	code 005 realignment of 60 Hz standard
Crowbar Code	006 internal overvoltage crowbar
Crowbar Response	conducting SCR across load within 10 us after trip
Caster Accessory	HP 14545A four snap-on casters
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Notes

Voltage/current from HP 6472C SCR-10 listings (0-64 V, 0-150 A) and family options from the SCR-10 / 6472C manuals. Confirm the installed AC-input option on the rear nameplate.

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.