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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6475C DC Power Supply

HP Agilent 6475C SCR-10 Series DC Power Supply 0 to 110 V 0 to 100 A The HP 6475C is a high-power constant-voltage/constant-current DC supply in the SCR-10 family. HP 6475C operating and service manual 06475-90002 and SCR-10 series literature describe 0 to 110 V / 0 to 100 A output, three-phase AC input options, remote programming, remote sensing, and auto-series/auto-parallel master-slave operation. High-current industrial DC sourcing, battery charge/discharge with CV/CC crossover, and rack systems needing 10 kW class SCR-regulated power. The HP 6475C is a high-power constant-voltage/constant-current DC supply in the SCR-10 family. HP 6475C operating and service manual 06475-90002 and SCR-10 series literature describe 0 to 110 V / 0 to 100 A output, three-phase AC input options, remote programming, remote sensing, and auto-series/auto-parallel master-slave operation. High-current industrial DC sourcing, battery charge/discharge with CV/CC crossover, and rack systems needing 10 kW class SCR-regulated power. Auto-series and auto-parallel one-knob master control

**MODEL****Agilent / Keysight
6475C****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****6475C****LISTING**<https://aumictechlabs.com/products/6475c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight 6475C triple quadrupole mass spectrometer is engineered for superior quantitative performance. Its key features include enhanced sensitivity for low-level detection, rapid scanning speeds for high-throughput analysis, and solid design for minimal downtime. The

system incorporates advanced ionization sources such as electrospray ionization (ESI) and atmospheric pressure chemical ionization (APCI), optimized collision cell technology for efficient fragmentation, and sophisticated data analysis software for streamlined workflows. Ideal for complex matrices and demanding applications, the 6475C ensures precise and reproducible results.

6475C Characteristics / Specifications

PARAMETER	VALUE
Model	6475C
Instrument Type	Constant voltage constant current DC power supply
Series Family	HP SCR-10
Output Voltage Range	0 to 110 V
Output Current Range	0 to 100 A
Output Power Class	11 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	Option 005 realignment of 60 Hz standard
Crowbar Option	Option 006 internal overvoltage crowbar not used on 6464C
Crowbar Response	conducting SCR across load within 10 us after trip
Caster Accessory	HP 14545A four snap-on casters
Output Connection	rear heavy busbars
Input Connection	rear four pin connector
Remote Programming	external voltage or resistance
Meters	front panel analog voltage and current
Mechanical Package	industrial cabinet SCR-10
Auto Series	two supplies for higher voltage
Auto Parallel	paralleled units for higher current
Battery Mode	unattended CV/CC charge or discharge

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	
Technical Specifications	
PARAMETER	VALUE
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Series Family	HP SCR-10
Output Voltage Range	0 to 110 V
Output Current Range	0 to 100 A
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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	Option 005 realignment of 60 Hz standard
Crowbar Option	Option 006 internal overvoltage crowbar not used on 6464C
Crowbar Response	conducting SCR across load within 10 us after trip
Caster Accessory	HP 14545A four snap-on casters
Output Connection	rear heavy busbars
Input Connection	rear four pin connector
Remote Programming	external voltage or resistance
Meters	front panel analog voltage and current
Mechanical Package	industrial cabinet SCR-10
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Notes

Ratings from HP 6475C DC Power Supply Operating and Service Manual 06475-90002 and the SCR-10 series general-information/options pages. Confirm the installed AC-input option on the rear nameplate.

Ordering Information

OPTION	DESCRIPTION
Option 005	realignment of 60 Hz standard
Option 006	internal overvoltage crowbar not used on 6464C

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.