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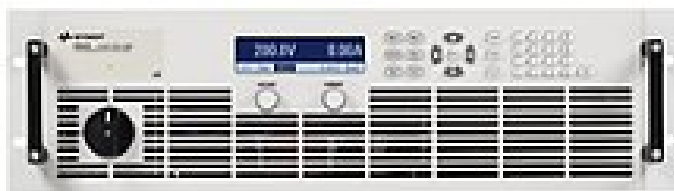
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 6466C DC Power Supply

HP Agilent 6466C SCR-10 Series DC Power Supply 0 to 16 V 0 to 600 A The HP 6466C is a high-current SCR-10 family DC supply. HP 6466C operating and service manual 06466-90003 and the SCR-10 series manual document 0 to 16 V / 0 to 600 A output, selectable three-phase AC input options, remote programming, remote sensing, and auto-series/auto-parallel operation. The SCR-10 manual also notes additional output-range information unique to 6466C and 6483C. High-current plating, magnet, and burn-in DC sourcing where 16 V at hundreds of amperes is required. The HP 6466C is a high-current SCR-10 family DC supply. HP 6466C operating and service manual 06466-90003 and the SCR-10 series manual document 0 to 16 V / 0 to 600 A output, selectable three-phase AC input options, remote programming, remote sensing, and auto-series/auto-parallel operation. The SCR-10 manual also notes additional output-range information unique to 6466C and 6483C. High-current plating, magnet, and burn-in DC sourcing where 16 V at hundreds of amperes is required. Constant voltage and constant current with automatic crossover



MODEL

**Agilent / Keysight
6466C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

6466C

LISTING

<https://aumictechlabs.com/products/6466c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 6466C is engineered for accuracy, stability, and versatility, making it an indispensable tool for engineers and technicians involved in research, development, and

production testing. Its advanced features and solid design ensure consistent and dependable operation in a variety of testing scenarios.

6466C Characteristics / Specifications

PARAMETER	VALUE
Model	6466C
Instrument Type	Constant voltage constant current DC power supply
Series Family	HP SCR-10
Output Voltage Range	0 to 16 V
Output Current Range	0 to 600 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	Option 005 realignment of 60 Hz standard
Crowbar Option	Option 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
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
Range Note	additional output ranges documented for 6466C and 6483C

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
Model	6466C
Instrument Type	Constant voltage constant current DC power supply
Series Family	HP SCR-10
Output Voltage Range	0 to 16 V
Output Current Range	0 to 600 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	Option 005 realignment of 60 Hz standard
Crowbar Option	Option 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
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

Identity and family options from HP 6466C Operating and Service Manual 06466-90003 and HP SCR-10 Series Operating and Service Manual. Confirm the exact range-switch settings on the 6466C/6483C output-range page matching the unit.

Ordering Information

OPTION	DESCRIPTION
Option 005	realignment of 60 Hz standard
Option 006	internal overvoltage crowbar

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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<https://aumictechlabs.com>

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30-day returns
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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.