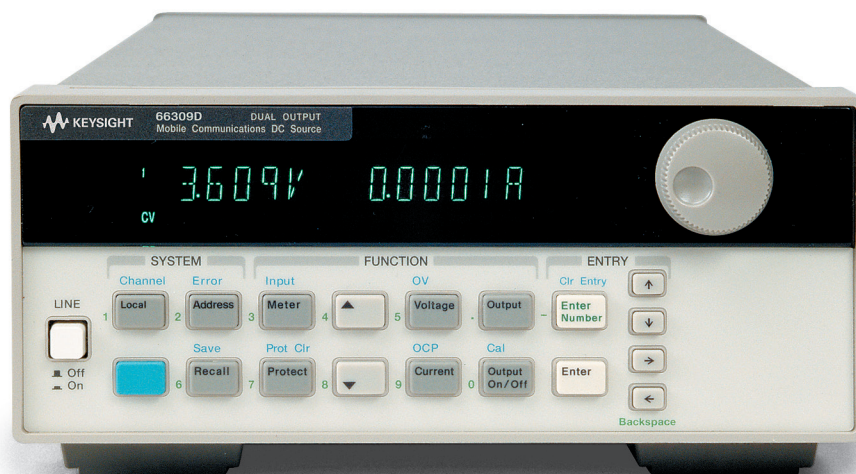


Keysight 66300 Series Mobile Communications DC Power Sources

Configuration Guide



Selection table

	66311B	66309B	66309D	66321B	66321D	66319B	66319D	66332A
Fast response power technology	•	•	•	•	•	•	•	
Peak current capability (up to 5 A)	•	•	•	•	•	•	•	
Dynamic measurement capability (talk mode, stand-by mode and off mode) Measurement ranges	2	2	2	3	3	3	3	2
Battery emulation capability Positive R Prog (0 to 1 Ohm) Negative R Prog (to - 0.040 Ohms)				•	•	•	•	
Replace main battery and power adapter (requires dual DC outputs)		•	•			•	•	
Output response compensation Programmable modes	2	2	2	4	4	4	4	2
Electronic load capability for calibrating charger circuit A/D's	•	•	•	•	•	•	•	
Remote sense for improved accuracy	•	•	•	•	•	•	•	•
Auxiliary built-in DVM			•		•		•	
Broken sense lead protection	•	•	•	•	•	•	•	
Output disconnect relays (Option 521)		•	•			•	•	•

Configuration information^{2,3,4}

Single output models

66311B	Single output DC power source
66321B	Single output DC power source with battery emulation
66321D	Single output DC power source with battery emulation and built-in auxiliary DVM
66332A	Single output DC power source

Dual output models¹

66309B	Dual output DC power source
66309D	Dual output DC power source with built-in auxiliary DVM
66319B	Dual output DC power source with battery emulation
66319D	Dual output DC power source with battery emulation and built-in auxiliary DVM

Recommended models for

R&D	66319B/D, 66321B/D, 14565A ⁵
Manufacturing	66311B, 66309B/D, 66321B/D, 66319B/D
Repair Stations	66311B, 66309B/D, 66321B/D, 66319B/D, 14565A ⁵

1. Dual output models recommended for replacing the main battery and power adapter/charger.
2. Battery emulation models are recommended for simulating the internal resistance of a battery. This capability is available on output 1.
3. All models include built-in GPIB interface.
4. IEEE- 488.2 SCPI command set, plug&play drivers.
5. 14565A device characterization software.

66311B, 66309B/D, 66319B/D, 66321B/D, and 66332A

Option 100	Set AC input voltage to 100 VAC (47 to 63 Hz)
Option 120	Set AC input voltage to 120 VAC (47 to 63 Hz)
Option 220	Set AC input voltage to 220 VAC (47 to 63 Hz)
Option 230	Set AC input voltage to 230 VAC (47 to 63 Hz)
Option 0B0	Delete manual set
Option 0L2	Additional standard documentation package
Option 0B3	Service manual (only available on 66311B, 66332A, and 66309B/D)
Option 8ZE	Refurbished instrument
Option 8ZJ	Delete feet (if unit will be rack mounted)

66309B/D and 66319B/D

Option 521	Solid state relays for output disconnect and independent on/off output control
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66332A

Option 020	Front panel output binding posts
Option 760	Output disconnect relays
Option 1CP	Rack flange kit with handles for 66332A

Rack mounting

Option 1CM	Rack flange kit without handles
Option ASX	Rack kit for mounting 2 units side-by-side (except 66332A)
Option 1CP	Rack flange kit with handles for 66332A only
	Rack mount with slides for two side-by-side units of different depths (Order 5062-3996 and 1494-0015)
	Rack mount for two side-by-side units of different depths (Order 5062-3996)
	Rack mount with slide for one unit (Order 5062-3996, 1494-0015, 5062-4022)
	Note: Support rails, E3663A, are required when rack mounting units in Keysight rack cabinets

Equivalent Keysight part numbers

Option 1CM	5062-3972
Option ASX	5061-9694 and 5062-3974
Option 1CP	5062-3975

Hardware support option

Option UK6	Commercial calibration certificate with test data
Option W32	3-year customer return calibration service
Option W34	Commercial calibration certificate with test data
Option 1BN	Mil std 45662A calibration
Option A6J	Mil std 45662A calibration plus test data

Accessories

14565A	Device characterization software
10833A	1 Meter GPIB cable
10833B	2 Meter GPIB cable
10833C	3 Meter GPIB cable
10833D	0.5 Meter GPIB cable

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