

# KEYSIGHT N67058 Settings 2 Arb Data Logger 16 15 1 - Line Switch turns the instrument on or off. 2 - Display displays all instrument functions. 3 - Measure keys select the measurement function.

- Run/Stop key starts and stops the measurement. 4 - Source keys program the source functions. Arb Run/Stop starts and stops the arbitrary waveform.
- 5 Menu, Properties, File keys access the indicated function.
- **6 Navigation keys** navigate through the dialog windows. Enter key selects; Back key cancels the selection.
- 7 Numeric/Alpha keys enter numeric and alpha characters.
- 8 Voltage/Current knobs set the voltage and current of the selected output.

Additional Information

### **Built-in instrument help**

Press the (Menu) key and scroll to the Help item. Press Enter. Select a Help item from the menu.

### Printed manuals

Printed manuals are available by ordering Option ABA.

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### The Front Panel at a Glance



- 9 Select Output keys select an output to control. The lit key indicates the selected output.
- 10 Emergency Stop turns off all outputs immediately
- 11 Memory Port for connecting a USB Memory device.
- 12 On keys turn individual outputs on or off; outputs are on when the key is lit.
- 13 Output terminals + and -- output and sense terminals for all outputs.
- **14 4 Wire indicator** + and -- sense terminals are active when indicator is lit.
- 15 All Outputs On/Off keys turns all outputs on or off according to the specified delays.
- 16 Waveform Display knobs control the scope and data logger views.

### **Documentation on the Web**

Product documentation is available on the Web at http://www.keysight.com/find/N6705.

### Firmware updates

Install the latest firmware updates from the Web at http://www.keysight.com/find/N6705firmware.

# Keysight N6705 DC Power Analyzer **Quick Start Tutorial**

**Product Reference CD-ROM.** All product documentation, software, and example progams are included on the Keysight N6705 Product Reference CD-ROM.









### Using the DC Source

### 1. Press the Line switch to turn on the instrument.

The self test takes a few seconds; the instrument then defaults to Meter View with Output 1 selected. Digits on the display vary according to the installed power module.



2. Press the Select Output keys, or use the navigation keys to select a different output.

1. Press the  $\binom{\text{Scope}}{\text{View}}$  key.







Current 3.06 A CComp On 🕶

(Close)

Sourde Output On/Off Key 🕶 🛛 Mode 🗛 🕶

Slope 🖲 Positive 🚽 🔵 Negative 🧎

Marker... Horizontal... Preset

5. Press (Close) or (Scope) when done.

Outputs Trigger

Level

Calculations apply to the area between the markers. m1 m2 Delta Min. Avg. Max. 000A 162uA 255uA -0.000A 0.000A 223uA .0ms 90.0ms 60.0ms(16.7Hz) 51.1ms 60.0ms 45.1ms -

Keysight N676xA power modules can display voltage, current, and power. All other power modules can display either voltage or current, but not both.

2.0 V/ ₩312 2.0 V/ ₩312 2.0 V/ 50 mA/ ₩31 ------ A/ ₩31 ------ A/

The colored rectangle identifies the selected trace.

Press the  $\underbrace{\text{Enter}}_{\text{inter}}$  key to turn the trace on or off. If the box is checked  $\checkmark$ , the trace is turned on.

# Using the Arbitrary Waveform Generator

(1. Press the Arb) (arbitrary waveform) key. The Arb Preview window displays any waveforms that have been configured.



2. Use the navigation keys to select an output. The dark background identifies the selected output. Press the Enter key to select the output.







# Using the Data Logger

The Data Logger is similar to the Scope, but is optimized for collecting data over an extended time. Note: Option 055 deletes the data logging function.

# 1. Press Data Logger then Properties

Specify the duration and the sample interval. Specify if you wish to log minimum and maximum values in addition to the average values.

Specify a filename in which to save the data log.



