


## Agilent DC Power Analyzer

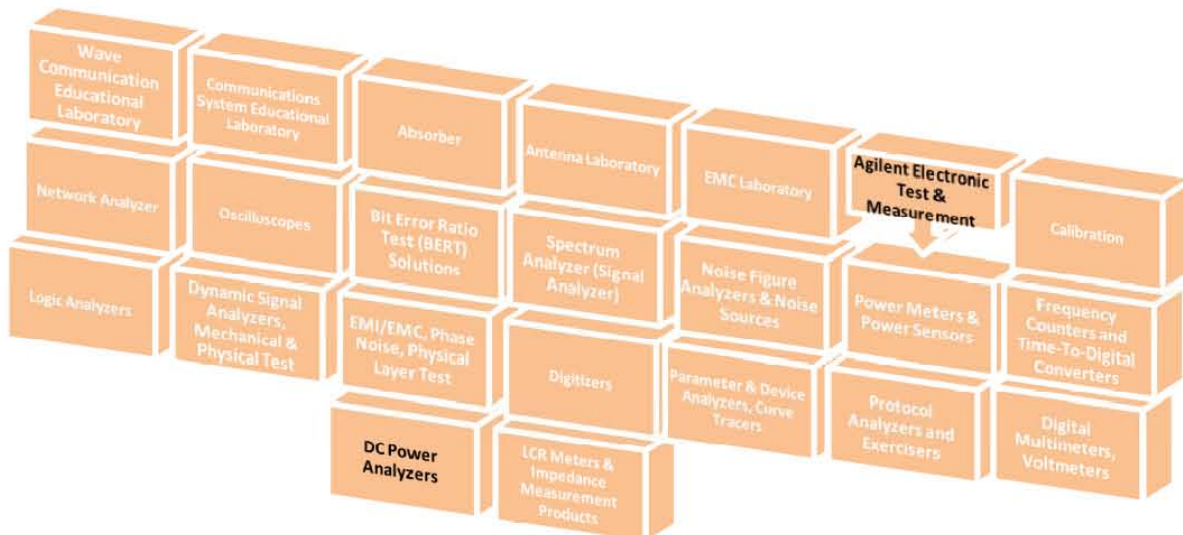
Models: N6705A, N6715A, N6731B-36B,  
N6741B-46B, N6751-54A,  
N6761A-62A, N6773A-76A

For Power  
Solutions  
in ATE –  
See back cover



- Ideal for R&D testing and Design Validation
- Sources and measures DC voltage and current into your DUT
- Combines 1 to 4 DC Power Supplies, DMM, Oscilloscope, Arb waveform generator, and Datalogger in 1 integrated instrument
- Saves time – no programming required
- Eliminates need to gather and configure multiple instruments
- Flexible, modular system: Can mix and match DC source power levels and measurement performance levels to optimize investment
- Connect via GPIB, USB or LAN
- Fully compliant to LXI Class C specification 

 Agilent Technologies



## Modular System Based on DC Power Supply Outputs

| Feature   | Benefit  |
|---|--|
| Integrates capabilities of power supply, DMM, scope, arb and datalogger | Saves time by eliminating the need to find and interconnect multiple instruments.<br><br>Provides synergistic functions not available from separately connected instruments. |
| Large color graphics display  | Fast simple quick set up and monitoring.<br><br>Ability to visualize results of multiple channels.   |
| Connections and controls color-coded to the display                     | Fast set-up and control.<br><br>Confidence that you are configured and testing correctly.  |
| Intuitive, dedicated physical controls for common functions             | Fast set-up and control using a familiar interface, with each instrument function behaving like its standalone counterpart.  |
| Access all capabilities without programming                             | Reduce 90% of the effort associated with set-up by eliminating the need for a PC, drivers, and software.   |



The Agilent N6705A DC Power Analyzer is a modular system that is tailorable to meet specific test needs. At the heart of the DC Power Analyzer is the DC Power Module. The Agilent N6705A DC Power Analyzer is a mainframe that has four slots to accept one to four DC Power Modules. Each DC Power Module takes one slot, except for the N6754A 300 W High-Performance Autoranging DC Power Module, which occupies two slots. This modular design gives you the flexibility to mix and match from 21 different DC Power Modules to create a solution optimized to meet specific test requirements:

### The N6730, N6740, and N6770 family of Basic DC Power Modules

50 W, 100 W, and 300 W;  
up to 100 V, up to 20 A

### The N6750 family of High-Performance Autoranging DC Power Modules

50 W, 100 W and 300 W; up to 60 V, up to 20 A

### The N6760 family of Precision DC Power Modules

50 W and 100 W; up to 50 V, up to 3 A

