Simplify your Avionics testing with a 400 Hz single phase power source that includes a built-in 26 V reference signal

Designed for the Avionics Industry

Model shown: 6812B Option 026 750 VA 1 phase
Note: The option 026 is not available on the 6811B and 6813B models.

The Agilent 6800 AC Power Sources

Overview of Option 026 specifications

Output amplitude	0 to 26 Vrms
Programming Resolution	10 mV
Amplitude Accuracy	±1%
Output Current	100 mA
Output Frequency	400 Hz
Output Phase Control	0 to 360
Output Phase Prog	±1 Degree

Note: Specifications @ 400 Hz

For additional information and pricing, please contact your Agilent Sales Representative. Visit the AC source website for more information on the family of Agilent 6800 AC Power Source/Analyzers at

http://www.agilent.com/go/acsource

Product specifications and descriptions in this document subject to change without notice.

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Scenario:

Testing synchro/resolvers or Avionics positioning instruments require a stable 26 Vrms Reference signal

- You are either using an expensive overated additional AC power source or a transformer for your aux output.
- You need a step down transformer that is connected to the output of the AC power source.
- Either you select and purchase a transformer, build your own, or design a custom circuit.
- You have to spend additional time and money to select, wiring, mounting and documenting your setup.
- Your external transformer is susceptible to transients on the main output and therefore does not provide a stable reference signal.

Solution:

The Agilent 6812B-026 AC Power Source

Now you can easily generate a stable 26 V reference signal. The Agilent AC power source allows you to generate 400 Hz power transients that do not effect the 26 V reference signal. Since the reference signal is built-in, there is no external transformer configurations to deal with. All you need is one easy to use instrument. The Agilent solution offers:

- Stable programmable 26 V reference signal
- Frequency locked to main output
- Easy to program, from the front panel or via the GP-IB RS-232 bus
- Programmable phase from 0 to 360 degrees
- Generate transients on the main output without affecting the 26 V reference output
- Reference signal built-in, no need for external transformers which simplifies the test setup
- Output disconnect relay
- Easy software calibration

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