Keysight Technologies

Simplify your Avionics Testing with a 400 Hz Single Phase Power Source 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 Keysight 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

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 Keysight 6812B-026 AC Power Source

Now you can easily generate a stable 26 V reference signal. The Keysight Technologies, Inc. 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 Keysight 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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A personalized view into the information most relevant to you.

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

www.keysight.com/find/acsource

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