

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

Designed for the Avionics Industry



Model shown: 6812B-J01 750VA 1 phase
 Note: The J01 option is available on the 6811B and 6813B models.

HP 6800 AC Power Sources

Overview of J01 spec's:

Output amplitude	0 to 26Vrms
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 @ 400Hz

SCENARIO:

Testing synchro/resolvers or Avionics positioning instruments require a stable 26Vrms 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 HP 6812B-J01 AC Power Source

Now you can easily generate a stable 26V reference signal. The HP ac power source allows you to generate 400Hz power transients that do not effect the 26V 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 HP solution offers:

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

For additional information and pricing, please contact your HP Sales Representative. Visit the ac source website for more information on the family of HP 6800 AC Power Source/Analyzers at <http://www.hp.com/go/acsource>