

Designed to Test High Current and High Voltage Automotive Semiconductor Devices 400 Amp Pulse Generator

Telco Testing Solutions has added a 400 AMP, 50 Volt Pulse Generator to its line of test equipment. The PG400 Pulse Generator has constant current and constant voltage modes and can produce pulses from 10 microseconds to 10 milliseconds with adjustable slew rates. The user can select from multiple sense configurations, local sense and two remote sense options. Programmable current and voltage limits provided.

The measurement system can acquire both voltage and current values up to 250K samples per second during the pulse and provide all the samples as well as voltage and current minimum, maximum and mean values back to the controller. The pulse can be triggered either from the controller or from an external input. This Pulse Generator is capable of interfacing with industry standard testers. Availability in 4th quarter of 2009.



Constant Current Characteristics

Output Current	0 to 400 Amps
Pulse Width	10 us to 10 ms
Rise Time Adjustable	0.4 to 40 Amps/us
Fall Time Adjustable	0.4 to 40 Amps/us
Voltage Limit	0 to 50Volts
Duty Cycle	10%
Output Polarity	Switchable

Constant Voltage Characteristics

Constant Voltage Characteristics	0 to 50 Volts
Pulse Width	10 us to 10 ms
Rise Time Adjustable	5 Volts/us Maximum
Fall Time Adjustable	5 Volts/us Maximum
Current Limit	0 to 400 Amps
Duty Cycle	10%
Output Polarity	Switchable

Measurements

Datalog	Voltage and Current
Calculations	Average, Mean, etc.

In Europe contact : spearson@telcotesting.com tel: +44 1291 620 660

In Asia contact : sales@telcotesting.com toll free: +1 866 547 3507

In US contact : sales@telcotesting.com toll free: +1 866 547 3507



TELCO TESTING SOLUTIONS, LLC
4405 E. Baseline Road
Suite 123
Phoenix, AZ 85042 USA

Phone: +1 480 603 1828
Toll Free: +1 866 547 3507
Fax: +1 480 603 3003
www.telcotesting.com