

Introducing our latest DSA amplifiers utilizing IGBT technology.

Designed with the Data Physics LE-series water cooled shakers in mind, the new LE-DSA15 IGBT amplifiers are based on the same reliable and robust architecture as the LE-DSA10 series units which have a proven track record of continuous high output operation. The LE-DSA15 amplifiers are rated for 200 Vrms continuous operation which will allow for high velocity testing without the need for an output transformer. When connected to a LE-DSA15K amplifier, the LE-2016-3" shaker systems are capable of up to 170 in/sec (4.32 m/s) velocity shock at 11 mSec.

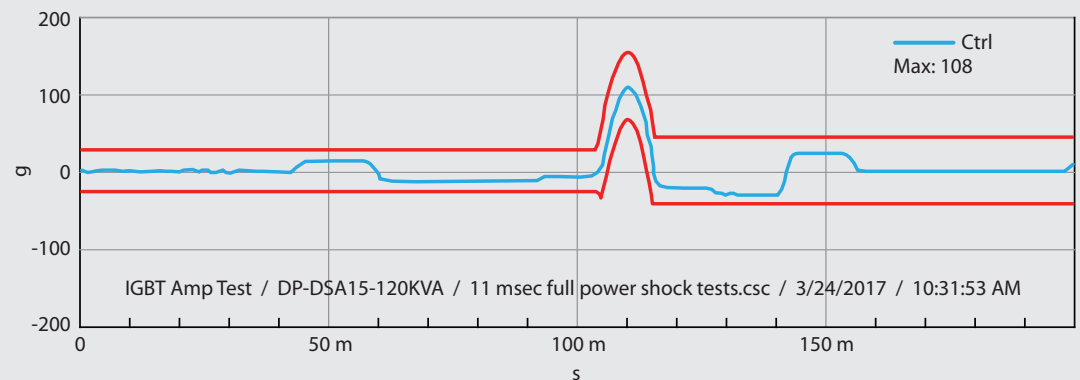
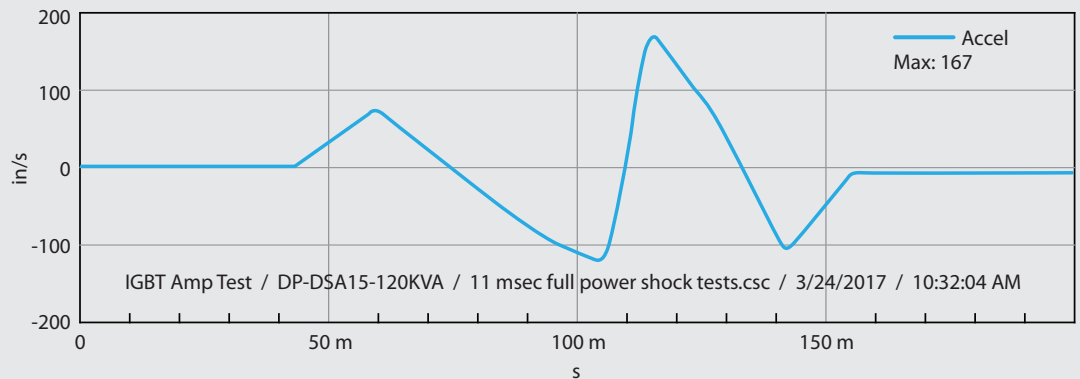


Less is More

The elimination of the output transformer allows the shaker to be direct-coupled, making it possible to operate the shaker at less than 5 Hz.

The transformerless design also eliminates the need for switching for sine, random, and shock profiles.

The overall size of the amplifier is thus reduced, freeing up valuable floor space in your vibration test laboratory.



A Powerful Upgrade for Any System

Our new LE-DSA15 amplifiers are the perfect fit to replace an aging amplifier that is currently driving either a Ling Electronics or LDS water-cooled shaker system, enhancing the performance of the system in both random and shock performance. The LE-DSA15 models can be configured to drive any manufacturer's shaker system with the proper field power supply configuration.



With the Data Physics E-Link PC-based remote control panel, an LE-DSA15 amplifier is the ideal combination of form, fit, and function to upgrade your existing shaker systems.