



Applied Motion Products
404 Westridge Drive
Watsonville, CA 95076
www.applied-motion.com
1-800-525-1609

Marketing Contact:
Eric Rice
erice@applied-motion.com

For Immediate Release

Applied Motion Products Offers Highly Efficient 70VDC Switching Power Supply for Stepper Drives and Integrated Motors

Watsonville, CA...July 10, 2018...[Applied Motion Products](http://www.applied-motion.com) introduces a new 70-volt DC switching power supply for use with DC-powered stepper motors and drives. The PS480D72 Switching Power Supply is compatible with step motor drives, integrated stepper motors as well as StepSERVO™ Drives and StepSERVO™ Integrated Motors from Applied Motion Products. By increasing the supply voltage to these products from 48 volts to 70 volts, users immediately see performance gains in both torque and speed.

DC supply voltage directly affects the torque-speed curve of a step motor and drive system. Increasing the supply voltage to the drive offers measurable performance gains in both torque and speed. (As supply voltage increases, the torque-speed curve of a stepper system becomes flatter, with less decrease in torque as speed increases). These performance gains enable users to increase motor acceleration rates and maximum speeds to support faster machine cycles and greater throughput. In many applications, increasing from 24 to 48 volts or 48 to 70 volts can mean the difference between success and failure.

The PS480D72 Switching Power Supply runs on 120 or 220V AC and provides 6.7 amps. The output of the supply is adjustable between 70 and 80 volts DC, making it compatible with drives and integrated motors that accept supply voltages in that range. The fan-less design, DIN-rail mountable enclosure, and universal input voltage of 90-264 VAC enable easy integration into both new and existing applications.

The PS480D72 Switching Power Supply is UL recognized, CE-approved, and RoHS compliant for use in industrial environments. This compact power supply provides various protection features including over-current, over-voltage (category III), short circuit and over temperature.

Applied Motion Products also offers Switching Power Supplies with regulated output voltages of 24V DC (150W) and 48V DC (320W). These supplies operate on universal AC input voltages are ideal for use with motor and drive solutions from Applied Motion.

For more information on the company's three power supply options, visit the website at: <https://www.applied-motion.com/products/power-supplies>. Or contact Applied Motion Products for technical support by completing the online [contact form](#) or calling 1-800-525-1609.

About Applied Motion Products

Founded in 1978, Applied Motion Products specializes in high-precision, cost-effective motion control products including stepper and servo motors, drives, controllers, gearheads, and power supplies. The company serves a diverse industrial and OEM customer base with both standard and customized products. With in-depth motor and control expertise, Applied Motion Products works with customers from initial concept and design through finished product and production to provide the best motion control solutions to a range of markets. Find out more at <https://www.applied-motion.com/> or contact the company at 1-800-525-1609.

