

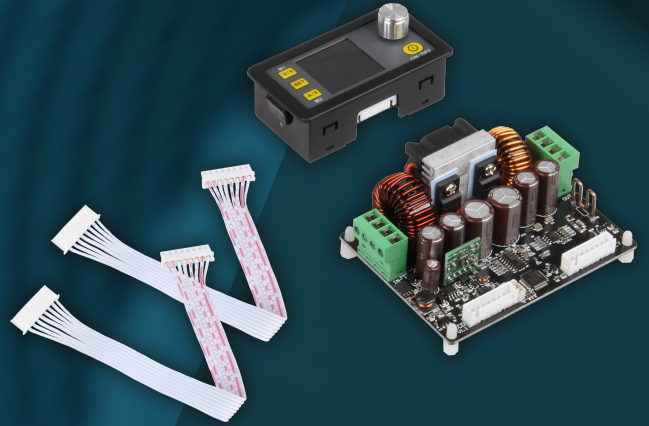
DPH5005 DC/DC VOLTAGE CONVERTER

COMPACT 250 W BUCK-BOOST CONVERTER

JOY-IT

SPECIAL FEATURES

- ✓ Compact converter for flexible voltage conversion
- ✓ Conversion to higher & lower voltages
- ✓ Intuitive operation via high-contrast Display
- ✓ Remotely controllable & programmable for automated test sequences using optional BT and USB modules
- ✓ Wide entrance area for versatile use
- ✓ Reliable output voltage with minimum Ripple



Unleash the full power of your projects with our extremely compact buck-boost converter. Its slim design fits effortlessly into tight installation spaces and makes it the perfect companion - whether on the lab bench, in mobile test benches or in industrial plants. Be inspired by its versatility, which offers you a free choice between boosting and reducing the voltage.

The intuitive display guides you effortlessly through all functions and reliably shows you the current operating status at all times. Regardless of whether you need a quick overview in prototype construction or want to make precise adjustments in automated processes - you have your energy supply under control at all times without lengthy training.

Expand your setup as you wish: With optional Bluetooth and USB modules, you can seamlessly connect the transducer to your control software or mobile device. This makes it easy to read measurement data remotely and make settings conveniently - perfect integration for modern workflows.

Rely on a device that combines not only performance, but also robustness and quality. High-quality components and a sophisticated design ensure trouble-free operation even under demanding conditions. Increase your efficiency and experience how easy professional voltage conversion can be today.

INPUT PARAMETERS

Input voltage range	6 - 50 V (DC)
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OUTPUT PARAMETERS

Output voltage range	0 - 50 V
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Output current range	0 - 5 A
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Output power range	0 - 250 W
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Voltage resolution	0,01 V
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Current resolution	0,001 A
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Ripple	100 mV(pp) at maximum resolution
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OTHER SPECIFICATIONS

Available modes	Constant current (CC), constant voltage (CV)
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Display size	1.5" (3.81 cm)
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Display module size	43 x 79 x 38 mm
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Power module size	93 x 35 x 72 mm
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Display installation dimensions	71.6 x 39.3 x 23.6 mm
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FURTHER INFORMATION

Weight	252 g
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Item number	JT-DPH5005
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Scope of delivery	Display module, power module, 2 connection cables
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Customs tariff number	85044030
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EAN	4250236818719
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