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Murata Power Solutions

[www.murata-ps.com](http://www.murata-ps.com)

## News Release

**Ruggedised panel-mount voltmeter features super-bright LED display for easy reading in all light conditions**



- *Designed to meet NEMA4 /IP65 moisture resistance requirements*
- *Automatically adjusting, super-bright LED display*
- *AC mains or DC battery powered*
- *Designed for easy, reliable integration into customer applications*

The ruggedized, daylight readable DMU-30ACV / DCV series of panel mount, digital voltmeters from Murata Power Solutions is ideal for applications in harsh environments. The compact 85VAC - 264VAC mains, or 110VDC - 300VDC battery powered meters are suitable for use in operating temperatures ranging from -25°C to +60°C.

Typical applications include inverters & generators, battery chargers, power distribution units and power supplies in markets such as industrial, test & measurement, alternative energy / back-up power and marine.

The DMU-30ACV / DCV series comprises three AC models capable of measuring up to 20VAC, 200VAC and 300VAC, and four DC models with ranges up to 200mVDC, 2VDC, 20VDC and 200VDC. Flexible inputs provide 2000V isolation between power source and input signal, and allow true-rms measurement of complex waveforms plus simple 2-wire operation for AC mains monitoring.

The super-bright, three-and-a-half digit red LED display is readable in direct sunlight with no shading devices and automatically adjusts brightness for indoor or night time viewing. An externally accessible adjustment for minimum intensity is also provided. The DMU-30ACV / DCV series has a low power consumption of typically 1W in full sunlight and 0.1W at night

Easy integration into customer designs is supported by vibration-resistant panel mounting using six M3 stainless steel screws. Reliable screw-style terminal blocks are provided for all input / output connections. The one-piece polycarbonate housing with integrated red bezel and gasket is designed to meet NEMA-4 / IP65 moisture resistance requirements.

Ends

## **About Murata Power Solutions**

Murata Power Solutions ([www.murata-ps.com](http://www.murata-ps.com)) is headquartered in Mansfield, Massachusetts, with over 1,300 employees, and locations in the USA, Canada, England, France, Germany, Singapore, Japan and China. Murata Power Solutions designs, manufactures and distributes DC/DC Converters, AC/DC Power Supplies, Magnetics, Data Acquisition devices and Panel Meters, and offers these products in custom, standard and modified-standard variations. These products, which are built to exacting requirements in ISO9000:2000-approved facilities, are typically used worldwide within telecommunications, computing, industrial and other high-tech applications.

## **About Murata**

Based in Kyoto Japan, Murata Manufacturing Company Ltd is one of the world's leading providers of ceramic based components, sensors, and AC/DC and DC/DC power solutions. Founded in 1950, the company has over 34,000 employees worldwide, and over \$6.3 billion US in consolidated annual sales (as of March 31, 2008). Everywhere in the world, wherever you can reach, Murata's electronic components are always at work.

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