

## **Campbell Collins Releases DC/DC Power Supply for Wind Energy Turbine Applications**

Stevenage, UK – October 25<sup>th</sup> 2010 - Campbell Collins Ltd, a specialist supplier of power supplies, capacitors and hi-rel power semiconductors, is pleased to announce the release of a new DC/DC Power Supply from MTM Power of Germany intended for Wind Energy applications utilising high voltage Li-Ion battery or Ultra Capacitor energy storage.

Based on the hugely successful PCMDS150 family, the PCMDS150350S series has an ultra wide input voltage range of 100-450Vdc which is designed to accommodate direct connection to the battery pack of most Wind Energy plants. This also makes it suitable for many PV installations. Single outputs of 12V, 13.8V, 24V, 27.6V, 48V and 53.6V are available, and the device offers up to 150W of usable power to the load, with no minimum load requirements. Efficiency of the unit is as high as 90%.

Thermoselective vacuum encapsulation is utilised to offer a completely sealed unit which is highly resistant to dust, humidity, shock and vibration. This also offers excellent heat dissipation to the attached baseplate or optional heatsink. Measuring just 170mm x 115mm x 38mm for the baseplated version, and 160mm x 115mm x 65mm for the heatsink version, the unit uses either screw terminals or spring terminals depending on user preference. For use in even more rugged environments, IP65 rated connectors are also available as an option. For total installation flexibility, a DIN-Rail mounted version is also offered.

Standard operating temperature range is -40degC to +70degC, and safety features such as Over Current protection, Short Circuit protection and Reverse Polarity protection are included. Control features such as an energy saving Remote On/Off function and a Power Good signal are also included as standard to ease integration into customers' systems.

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**Note to Editors:** A high resolution image for this press release is available on request.

### **About Campbell Collins Ltd**

Campbell Collins Ltd is a UK based Franchised Distributor of Power Sources and Capacitors for the Military, Aerospace, Medical, Transportation, Industrial and Telecom/Datacom marketplaces. In business for over 30 years, we have built a name for ourselves as a reliable, trustworthy and valuable partner to our customers and franchises alike, offering the highest levels of pre and post design support services.

Focussing on Power related products from key players in the Power Supply, Semiconductor and Capacitor product areas, we are a franchised, design in distributor for Gaia Converter, Ericsson Power Modules, Power Mate, MTM Power, Integrated Power Designs, Arch Electronics, MS Kennedy, SSDI, Lansdale Semiconductor, FT Cap, LeClanche Capacitors, Icel and the full line of Kemet companies including BHC, Arcotronics and Evox Rifa.



# PRESS RELEASE

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