



**Rugged lead-acid battery chargers offer safe and rapid charging for marine and industrial applications**

New from power supply manufacturer Vxl Power is the Morven BCM series – a range of rugged 3-stage cyclic chargers for 12V and 24V lead-acid battery systems.

Produced at Vxl's manufacturing facility in Lincoln, the battery chargers have been designed to provide safe and rapid charging and are particularly suitable for marine and industrial applications.

Very simple to operate, they feature automatic changeover from boost charge to float charge and incorporate an internal diode splitter that allows independent charging of up to three batteries.

Comprehensive protection circuitry guards the units against damage from reversed polarity, overtemperature, overvoltage, undervoltage and overcharging conditions.

The BCM series consists of three 12V models with charging currents of 15, 30 or 50A and four 24V models with charging currents of 8, 15, 25 or 50A. Sizes range from 170 x 155 x 65mm to 350 x 220 x 65mm.

All models operate from an input voltage of 180-270VAC, have an efficiency of greater than 80% at full load, and are designed for use in ambient temperatures ranging from -10 to +45 degC.

In addition to the standard range of products, Vxl Power can also manufacture variants and specials to satisfy individual customer requirements. RoHS-compliant Pb-free versions will be available soon.

Detailed datasheets for the BCM series chargers can be obtained by clicking on the Morven link at Vxl's website, [www.vxipower.com](http://www.vxipower.com).

Further information from:

Grant Ashley,  
Vxl Power Ltd.  
Tel: +44 (0)1522 500511 Fax: +44 (0)1522 500515,  
e-mail: [grant.ashley@vxipower.com](mailto:grant.ashley@vxipower.com)

Issued by:

Rick Bauling,  
RJB Communications,  
Tel: +44 (0)1234 782255 Fax: +44 (0)1234 782744,  
e-mail: [rbauling@rjbcoms.com](mailto:rbauling@rjbcoms.com)

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