



Voltage Rectifier

A **voltage rectifier**, designed and manufactured by Monex GeoScope Pty. Ltd., has now been added to the terraTEM suite of products. The voltage rectifier has been designed to provide a stable, ripple-free **6 kW at 120 V and 50 A**. It is the ideal power supply for Monex GeoScope's range of transmitters including the terraTX-50 (50 A, 250 V), terraTEM24 internal transmitter (50 A, 120 V), and the terraTEM (15 A, 24 V). Even with the fast turn-off times available on the Monex GeoScope transmitters, the voltage rectifier does not under- or over-shoot. In addition, the voltage rectifier outputs a clean, filtered 24 V suitable for powering either the terraTEM24 or terraTX-50 console electronics. And now the voltage rectifier can be **configured to run in series**, allowing a voltage output range of 48 to 240 V to be achieved. This option is available upon request.



The 6 kW voltage rectifier **accepts either single or three phase input power**. Three phase power requires a suitable distribution board. Voltage output is either controlled from a front panel dial or via a serial connection with the terraTX-50 or terraTEM24 transmitters.

With the housing rated to IP67, dustproof and waterproof, the external dimensions of this system are: 607 mm × 475 mm × 275 mm; weight 25 kg. Multiple safety features are included within the voltage rectifier.

Included accessories are a high-voltage output cable, console power output cable, and three single-phase AC input cables.

Contact Monex GeoScope Pty Ltd at sales@monexgeoscope.com.au for further information on this product.

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