

Transformer Rectifier Unit System Technology

TRUst™



POWER SUPPLY MODULES



Clearly the best protection...

Cathodic Protection Co Ltd (CPCL), founded in 1950, was one of the first companies in the United Kingdom set up specifically to provide equipment and engineering services for the cathodic protection of pipelines, storage tanks, well casings and marine structures for the oil, gas, petro-chemical, water and power industries.

Years of experience and innovative design have resulted in a range of power supply modules developed to meet the ever-demanding needs of the industry. Modules can be arranged in any combination to achieve the requirements of the project. Designed and built specifically for the CP industry by CPCL, these modules offer the following advantages:

- Built to meet the requirements of BS EN 12696 (cathodic protection of steel in concrete)
- Integrated 4mm test sockets
- Designed to meet applicable EMC and safety standards
- Simplified spares holding
- Excellent reliability
- Smaller size
- Fully compatible with CPCL's Remote Monitoring & Control System (RMCS)
- Input supply: 90 to 260VAC or 24 to 48VDC
- Temperature range: Operating -20° to 70°C
Storage -40° to 85°C

For further information, contact Cathodic Protection Co Ltd directly.

...for your investment



Cathodic Protection Co Ltd's Switch Mode Power Supplies are ideal for a variety of low power applications.



SMPS 144W

144W single channel switch mode power supply module (24V / 6A to 12V / 12A)

Features:

- Single channel unit
- 144W maximum output (24V / 6A to 12V / 12A)
- 1mV / 1mA resolution
- Mains powered efficiency up to 95%
- Integrated fast switched output of instant off measurements
- Constant Voltage, Constant Current and Auto Potential modes (Auto Potential mode requires REF8 module)



SMPS 4x12W

Four channel, 12W per channel switch mode power supply module (4 x 24V / 0.5A or 2 x 24V / 1A)

Features:

- Four channel unit, with option for combined two channel unit
- 12W / 24W per channel maximum output (4 x 24V / 0.5A or 2 x 24V / 1A)
- 0.1mV / 0.1mA resolution
- Mains powered efficiency up to 95%
- Integrated fast switched output of instant off measurements
- Constant Voltage, Constant Current and Auto Potential modes (Auto Potential mode requires REF8 module)



Cathodic Protection Co Ltd's Monitoring Modules are suitable for monitoring all types of reference electrode and monitoring coupons and other low current applications

REF8

Eight channel reference electrode monitoring module

Features:

- 8 isolated analogue inputs
- -5V to +5V range
- >20MΩ input impedance (open circuit when not measuring)
- 1mV resolution
- Low pass filters on all inputs to eliminate AC noise
- Simultaneous data capture across multiple modules



ZRA8

Eight channel zero resistance ammeter module

Features:

- 8 isolated analogue inputs
- -20mA to +20mA range
- 0Ω input impedance
- 1μA resolution



Cathodic Protection Co Ltd's Remote Monitoring & Control System allows you to check and modify outputs from your cathodic protection power supplies and monitor overall performance from any remote computer or mobile device, giving complete freedom and versatility. The RMCS is entirely customisable to reflect the requirements of individual systems and sites.

RMCS Controller

Embedded controller module

Features:

- Local or remote monitoring
- RMCS interface
- Microprocessor based
- Data logging
- 4G / 3G / ADSL / LAN and many more



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