

aerl

COOLPRO CATHODIC CONVERTER™

IMPRESSED CURRENT CATHODIC PROTECTION (ICCP) CONTROLLER

COOLPRO Features

- 98% super high conversion efficiency
- Ultra low heat thermal design
- Passive cooling—no fans
- Onboard surge protection
- High speed on/off control
- Low stand-by current consumption
- Low battery reset function
- Output voltage limit function
- Constant output current function
- Input reverse polarity protection
- Onboard digital LCD meter
- Optional extra surge protection
- Optional Reference Cell
- Robust and reliable
- Compact and lightweight
- Designed & Made in Australia
- CE & C-Tick Compliant



AERL's COOLPRO CATHODIC CONVERTER™, the latest series in the **AERL CATHODIC CONVERTER™** range, is more powerful and efficient than previous Cathodic Protection Controllers, with peak power efficiencies now above 98%. **AERL's COOLPRO CATHODIC CONVERTER™** also now features a revolutionary new ultra-low heat, high efficiency thermal design with passive cooling capacity, eliminating the need for cooling fans or bulky heatsinks, making it the most efficient, reliable, compact and lightweight Cathodic Protection Controller on the market.

Founded in 1985 to pioneer the development and commercialization of the **MAXIMIZER™**, the world's first MPPT Solar Charge Controller, **AERL** has since been designing and manufacturing highly reliable and efficient specialised power electronics for use in Solar PV, Micro Hydro, Micro Wind and Cathodic Protection applications. **AERL** has now supplied literally thousands of highly efficient and reliable Cathodic Protection Controllers to satisfied customers worldwide including the Middle East, Europe, America, Africa and Australasia.

Renewable Energy Power Electronics Since 1985

AERL's compact and lightweight Cathodic Protection controllers have a proven track record for their efficiency and reliability

PRODUCT SPECIFICATIONS

| Model Number | CP15 | CP30 |
|--|-------------------|------|
| Maximum Anti-Corrosion Current | 15A | 30A |
| Maximum ambient air temperature | 50°C | 50°C |
| Maximum output current | 15A | 30A |
| Minimum battery input voltage— V_{MIN} | 11V | 11V |
| Maximum battery input voltage— V_{MAX} | 60V | 60V |
| Standby current consumption | 35mA | 35mA |
| Peak efficiency | 98% | 98% |
| Weight | 1.5kg | |
| Dimensions (L x W x H) | 240 x 160 x 90 mm | |
| Input/output power cable size | 16mm ² | |

OPTIONAL EXTRAS

| Option | Description |
|-------------------------|---------------------------------------|
| Surge Buster | 50KA Lightning Protection Module |
| Reference Cell Function | Accurate corrosion protection control |

Designed and Manufactured by:

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Available from:

* AERL reserves the right to change any AERL product specifications at any time without notice to improve product reliability, design or otherwise

Designed and Manufactured in Australia