

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:

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

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