



(772) 646 2873 | [sales@cathtect.com](mailto:sales@cathtect.com)

## 4 Mode Auto Tank Rectifier - Cathtect STR 001CEA

Designed for Water tanks that are at risk of corrosion where impressed DC currents are required. The Water Tank Rectifier is the most efficient Rectifier, offering low energy loss & excellent ripple (< 250mV across the range).

We have been developing and supplying CP Rectifiers internationally since 1992. We offer rectifiers in Auto as well as Manual operation. Auto operation in 3 control user-programmable modes – Constant output voltage, Constant output current – Constant Structure to electrolyte potential. User programmable parameter limiting renders Cathtect Auto rectifiers as the most state of the art available and its intuitive menu-driven setup simple to use.

### **Features:**

NEMA 4X / IP 65 - Stainless/3CR12/Mild steel/Poly Enclosure Options (19.7" x 15.75" x 8.66")

Safe Dead Front Panel design

User programable control modes:

Constant Current output

Constant Output Voltage

Constant Potential Control

Instant off Potential Control

No FUSES – All resettable UL approved Industrial Circuit breakers.

Daylight readable Black on white LCD with auto sensing backlight for night-time visibility

Double insulated access to measurement points on dead front panel. (Access to Output Shunt on Dead Front panel)



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Hinged front panel for easy access to components

Multiple Reference cell operation with user programable control reference and reference fail shutdown.

>1 Gig Ohm High input impedance reference cell inputs. (Will not polarize reference electrodes)

All digital displays

Versatile mounting options- Wall, Pole and Bulkhead.

Sloping Sunshield/water shedding roof.

Padlock able lever lock outer door handle.

Documentation compartment

On screen diagnostic panel.

RMU ready - UART/USB/RS232/RS485 or I<sup>2</sup>C. Specify at time of order.

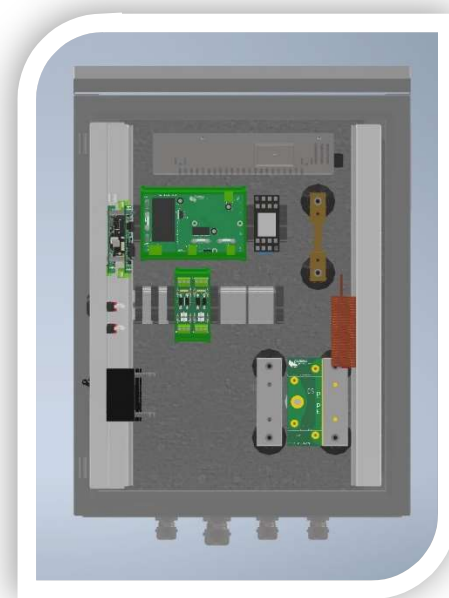
Wide input mains operation 90-264VAC 47-62Hz.

High efficiency across the adjustment range 90%

40kA 8/20 input surge protection

100kA 8/20 output surge protection

Low output ripple < 200mV



**NB: Please contact Cathtect USA Inc. or GMC Electrical for more information & Questions.**

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