

SOLAR POWERED TRANSFORMER RECTIFIER

50 YEARS PROVEN EXPERIENCE IN CATHODIC PROTECTION

JENNINGS ANODES

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DATA SHEET

Solar energy is the most abundant energy source on earth, and can be used to produce other renewable energy sources. This solar powered rectifier, also referred to as photovoltaic transformer, is powered by a DC battery bank with a controlled automatic output voltage. The battery bank charges during daylight hours by poly-crystalline solar panels. Our rectifier is built and controlled by the latest logic controller with the ability to do precise control.

It is designed for remote areas with no power access. It can be applied for the cathodic protection of gas/oil pipelines, storage tanks, ocean freighters, etc.



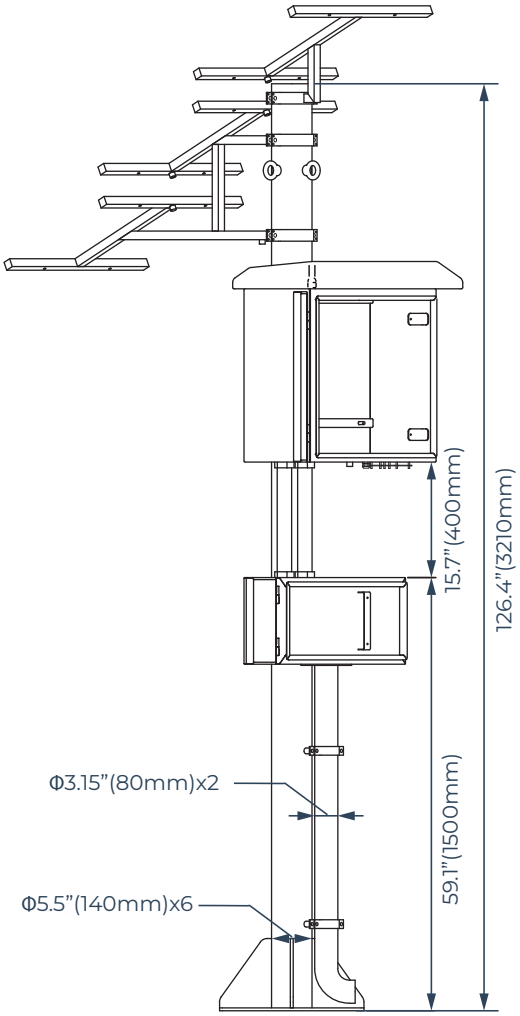


Functions

- Rectifier Module: DC-DC
- Mode Switch: Auto / Manual(25-step outputs)
- Surge Protection
- Lightning Protection (optional)
- Sun Protection (optional)
- LED Digital Display (optional)
- Data Remote Transmission and Control (optional)
- GPS Synchronization Current Interrupter (optional)

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Technical Measurement

- Power Input: DC 36V±2%
- DC Output: 30V, 5A
- Insulation Resistance: >10mΩ
- Control Range: -3V ~ 3V
- Control Accuracy: 10mV
- Noise: <80 dB
- IP Level: IP44 / IP66

Working Environment

- Temperature: 15°C ~ 50°C
- Humidity: 15% ~ 90% RH
- Air Pressure: 86kPa ~ 106kPa
- Lifetime: 30 yrs.





Worldwide Service Network

Our worldwide network of sales and service centers can provide immediate advice and assistance on the complete range of products.

Global Headquarter

2417 Katy Fort Bend Road,
Katy, Texas 77493
United States

Email: sales@jenningsanodes.com
Tel: +1 (281) 501 8398 / +1 (713) 799 3884

www.jenningsanodes.com

UK Office

Tatham Street, Hendon, Sunderland
SR1 2AG, United Kingdom

Email: sales@jenningsanodes.co.uk
Tel: +44 (0) 191 510 8843
Fax: +44 (0) 191 514 7749

www.jenningsanodes.co.uk

Asia Pacific Office

120 Lower Delta Road, #07-13 Cendex Centre, Singapore 169208

Email: inquiries@jenningsanodes.com
Tel: +65 6715 1514

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