



SOLAR POWERED TRANSFORMER RECTIFIERS

PRODUCT DATA SHEET

Solar Powered Transformer Rectifiers

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.

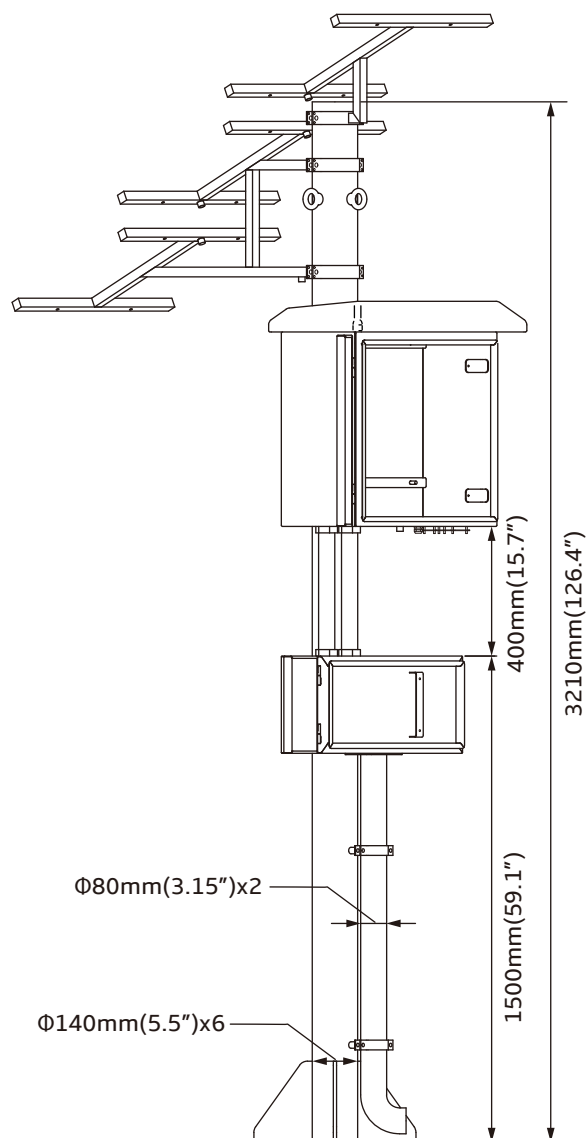


FUNCTIONS

- 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)



Solar Powered Transformer Rectifiers



TECHNICAL MEASUREMENT

- Power Input: DC 36V \pm 2%
- DC Output: 30V, 5A
- Insulation Resistance: >10m Ω
- 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.

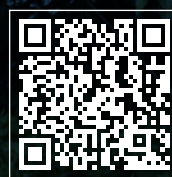




Industrial Corrosion Control Solutions Provider

Established in 2003, YUXI has over a 20-year heritage of innovation in corrosion control science and technology. We're a spirited team of ambitious thinkers and pioneer sheeps with a common goal in mind: protect our clients' assets from corrosion with cost-saving measures.

We have the most comprehensive catalog of cathodic protection materials including anodes, transformer rectifiers, backfills, coatings, etc. Our anodes and supplies are manufactured to strict quality standards through an ISO 9001 quality management system and are guaranteed to offer excellent performance in the industry.



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