



## Generonix *SureReach* 2000 SR2-4824 and SR2-2448: DC-DC Converter



The *SR2-4824* converts 24 VDC at outdoor sites to 48 VDC. The *SR2-2448* converts 48 VDC at outdoor sites to 24 VDC. These small hardened converters are suited to cell sites, intelligent traffic systems (ITS), and other locations where either 24 or 48 VDC is required to power ONT's, EtherNID's, fiber loop converters and other access devices for T1 or Ethernet fiber backhaul. Applications include powering outdoor Surveillance and Security cameras, micro-cells, Wi-Fi/WiMAX nodes, and traffic control sensors. There are two packaging options. For installation in a "Hoffman box" or other cabinet, there is a sealed aluminum box closed with four screws. For stand-alone installation on the outside of a building, a pole, or pedestals, there is a

decorative painted "slider" aluminum box configuration, with "tamper proof" bolt and a hole for a lock or seal. Both have a grommet sealed opening for cabling connections.

### Specifications: Model Number SR2-4824 / SR2-2448

Dimensions/Weight	Slider Box: Width: 4.75 in.(121 mm), Height: 6 in. (152 mm) Depth: 1.5 in. (38 mm), Weight .8 lbs. (.373 kg)
Mounting	Three 3/16" holes with standoffs
Input voltage	For the SR2-4824 the Operating range 18-36 VDC; For the SR2-2448 it is Operating range 36-75 VDC; Both have under-voltage over-voltage protection, and Auto reset
Power Out	Over-current and thermal turnoff, auto reset Options for converting at 50 Watts Max. or 100 Watts Max.
Environment	Ambient operating temperature -40 to +55 degrees C, -40 to +131 degrees F; Relative humidity 5 ~ 100%;
Certifications	UL Listed, FCC Class B. Designed to meet NEMA 4. Patent Pending.
Connection	Six pin Molex connector.
Housing	Aluminum, lead free.
Safety	DC can be dangerous. All input power sources must comply with the provisions of NEC, IEC, Telcordia, and all other relevant product standards. Appropriate craft and safety precautions should be followed on installation.

#### For More Information

[www.generonix.com](http://www.generonix.com) or 1-866-464-4693

December 2009

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