

Compact power injectors and supplies

RUGGEDCOM Datasheet

Compact power injectors and supplies help reduce costs by eliminating separate power and data cabling requirements.

To ensure the utmost in reliability, the RUGGEDCOM power injectors and supplies are tested to the most stringent international EMI and environmental standards. They provide a high level of immunity to electromagnetic interference and heavy electrical surges typical of environments found in electric utility substations, curb side traffic control cabinets, industrial manufacturing, and process control. An operating temperature range of -40°C to +85°C coupled with hazardous location compliance (Class 1 Division 2), and optional conformal coating allows the power injectors and supplies to be placed in almost any location.

The RP100 and RPS1300 product family was specifically designed to provide years of maintenance free operation for all your mission-critical, real-time control applications. The reliability of the products exceeds those

of commercial devices by having no rotating parts (i.e. no cooling fans), utilizing high temperature solid state components and incorporating the necessary transient and surge suppression circuitry required for electrically harsh environments.

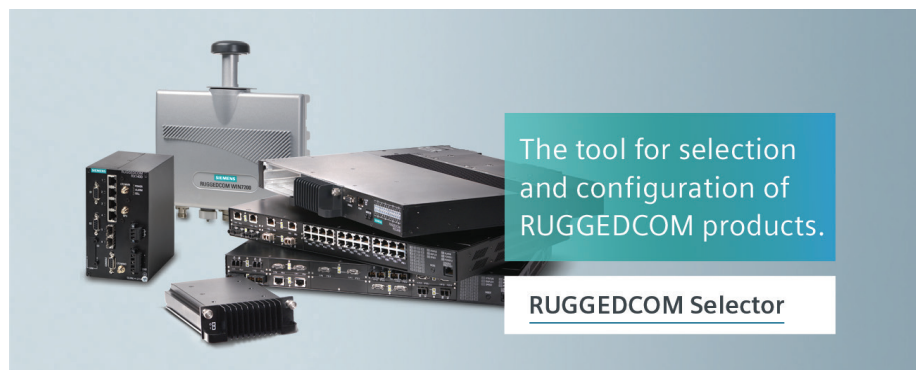
All RUGGEDCOM products are backed by a five year warranty and unsurpassed technical support.

Common features

- IEEE 1613 and IEC 61850-3 compliant
- -40°C to +85°C operating temperature (no fans)
- Integrated power supply

- Automatic detection of remote power devices
- Output fault protection

[RUGGEDCOM Product Information](#)
[General Background Information](#)
[RUGGEDCOM Brochures and Information material](#)



The tool for selection and configuration of RUGGEDCOM products.

RUGGEDCOM Selector

RUGGEDCOM RPS1300

140 W PoE 54 VDC power supply

- Input voltage: 120 VAC, 230 VAC
- Output voltage: 54 VDC
- -40° C to +75° C operating temperature
- NEMA TS-2 rated

Data Sheet:

[RPS1300](#)

Operating Guide:

[RPS1300](#)



RUGGEDCOM RP110

Serial PoE injector

- 802.3af/802.3at compliant version
- RUGGEDCOM WIN compliant version
- 1 x RS422/485 + 1 x RS232
- IRIG-B output
- Transmits serial data over an IP network
- Support for Modbus TCP, DNP3,
- WIN, TIN, Microlock serial protocols for rail
- Raw socket mode allows tunneling of any serial protocol
- -40° C to +85° C operating temperature (no fans)

Data Sheet:

[RP110](#)

User Guide:

[RP110](#)

Installation Guide:

[RP110](#)



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Siemens Digital Industries
5300 Triangle Parkway
Norcross, GA 30092

For more information, please contact
our Customer Support Center.
Phone: 1-800-241-4453
E-mail: info.us@siemens.com

usa.siemens.com/ruggedcom

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