



Embedded Boards • Power Supplies • Instruments

110 Wilbur Place • Bohemia, NY 11716-2416

Tel: (631) 567-1100 • Fax: (631) 567 1823 • www.naii.com

For Immediate Release

Contact: Tony Sciacca
North Atlantic Industries, Inc.
631-567-1100
asciacca@naii.com

North Atlantic Industries Introduces Rugged, 500-Watt AC/DC Power Supply with Higher Power and Increased Efficiency in a Compact Package

Conduction-cooled, Current Share, On/Off control, 3-Phase AC or +270Vdc input, and EMI filter per MIL-STD-461F – All Standard Features

BOHEMIA, NY – (Marketwired – October 22, 2015 - North Atlantic Industries (NAI), a leader in providing embedded electronics and computing for Sense and Response, Mil-Aero applications, today announced the availability of the **56TS1**, their latest generation, rugged, AC/DC power supply, designed specifically to meet today's stringent, rugged requirements. With the availability of multiple input configurations, configurable output voltages, and Current Share as standard features, this flexible design addresses the needs of, and is ideally suited for, diverse mission-critical air, land and sea applications. This COTS unit provides full-power at a baseplate temperature of +85° C.

Features Include:

- Standard output voltages: +12Vdc, +24Vdc, +28Vdc or +48Vdc
- Current Share, with Share OK monitoring
- Integrated EMI filtering per MIL-STD-461F; CE102, CS114, CS115 & CS116
- Input Transient Protection per MIL-STD-704A-F
- Environmentals per MIL-STD 810G
- High Efficiency >85%
- Accepts both 3-Phase AC or +270Vdc inputs
- Operating temperature range of -55°C to +85°C

“The **56TS1** addresses the need for compact, higher power, increased efficiency power supplies required in today's rugged programs,” said Lino Massafra, V.P. of Sales and Marketing. “The 56TS1 is a next generation power supply that uses the latest power technologies available.”

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Pricing starts at \$2,900 ea. in quantities of 100.
Current Share is included.

NAI is a specialized provider of embedded electronics and computing for sense & response, Mil-Aero applications. We accelerate our clients' time-to-mission with a unique approach based on a [Custom-on-Standard-Architecture™ \(COSA™\)](#) that delivers the best of both worlds: custom solutions from standard COTS components. For over 50 years, companies like Boeing, Northrop Grumman and Raytheon have leveraged our capabilities to meet the demanding requirements of a wide range of I/O- and communication-centric applications, with uncompromising quality, efficiency and responsiveness. For more information, please visit www.naii.com.



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NAI 56TS1 – 500 Watt AC/DC PSU with Current Share