INTRODUCING ATC POWER SYSTEMS MIL-BOOST 28VIN BOOST CONVERTER!

MIL-BOOST Product Highlights

- 14.5 to 100 VDC Input Operation
- Up to 300 Watts Output Power
- Continuous 52VDC Output
- 94% Efficiency
- -55 to 100ºC Baseplate Operation
- MIL-STD-704 A-F Compatible
- MIL-STD-1275 A-B Compatible
- Over Temperature Protected
- Fixed Frequency Operation

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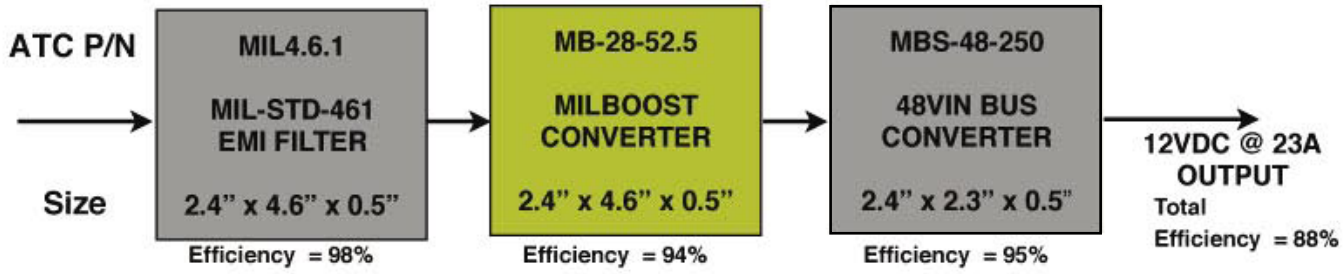
ATC POWER SYSTEM'S FEATURED SOLUTIONS

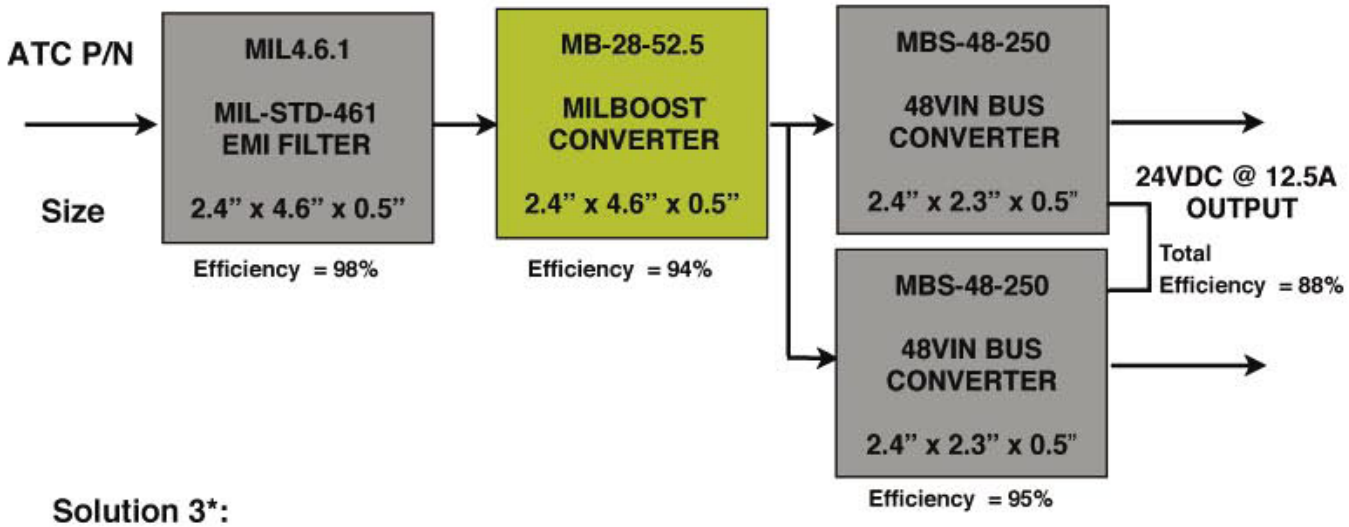
Solution 1*:

MIL-STD-1275A/B Input / 12 VDC Output Bus (to drive Customer's Point of Load) (P.O.L.)**



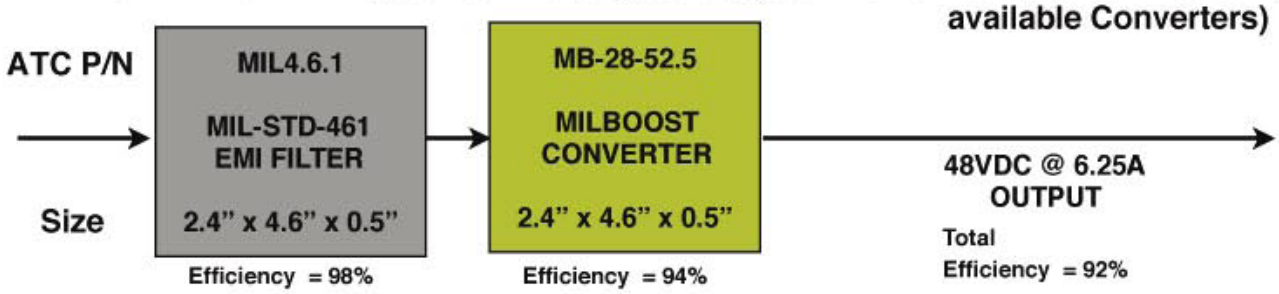
Solution 2*:

MIL-STD-1275A/B Input / 24 VDC Output Bus (to drive 28VDC Input Converters)**



Solution 3*:

MIL-STD-1275A/B Input / 48 VDC Output Bus (to drive 48VDC input commercially available Converters)**



*Note 1: The above configurations are available in pre-configured 6U VME packages, with external EMI sections, custom output voltages and associated components (such as hold-up capacitors and input filter capacitors).

**Note 2: The above configurations are also compatible with MIL-STD-704A-F Inputs

See Page 3 for available packages

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VME STYLE
MIL POWERPAC

FORCED AIR COOLED

5 SLOT RUGGEDIZED
CHASSIS

FORCED AIR COOLED

6U VME CARD

CONDUCTION COOLED

ATC Power Systems has over 28 years of experience, so let us put it to work for you! These are just some of the packages available for implementing the Mil Boost Converter in to. ATC Power Systems can package the Mil Boost Converter in something as small as a 6U VME. We specialize in custom design, so feel free to call us with any questions or projects you have in mind. When ATC is awarded a custom contract, a program manager is assigned. The program manager determines the initial architecture for the system, as was proposed, and sells their concepts to the other disciplines. Input from Mechanical, Manufacturing, Quality, and Material Control is discussed, evaluated, and all parties make changes based on full agreement.
*ATC conforms to MIL- I -45208.

Contact Nathan Savoy, our sales manager at (603) 429-0391 or email us at: Sales@atcpowers.mv.com for more information!

Typical Applications for ATC Power Systems
* Aerospace
* Civil Avionics
* Industrial Control
* Military / COTS
* Telecommunication

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