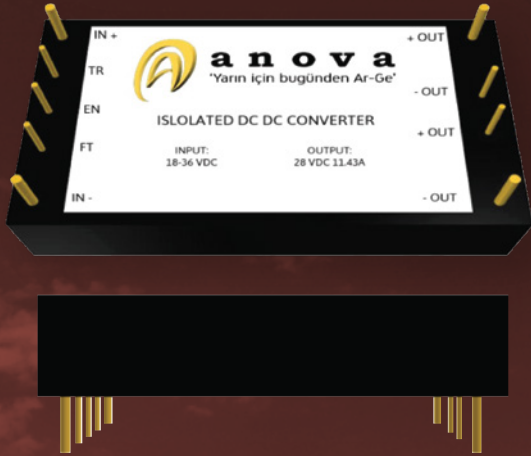


# 150W Isolated DC-DC Military Power Module

DC-DC converter modules designed with high efficiency technology to the Military/Aerospace industry. Flexible design according to requirements. Standard dimensions and interfaces. High power density modules with internal protection features. Small size for special applications.

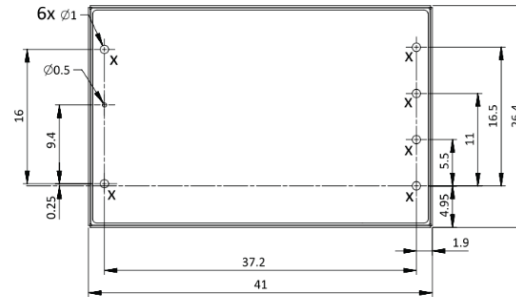
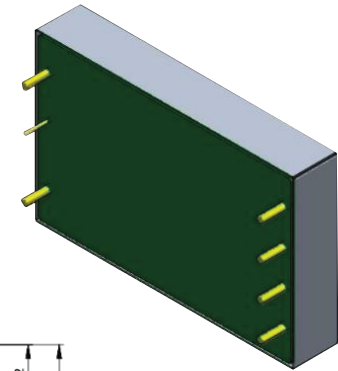


## Specifications

| DESCRIPTION                     | UNIT | VALUE            |
|---------------------------------|------|------------------|
| Input Voltage                   | VDC  | 18-36            |
| Output Voltage                  | VDC  | 15               |
| Output Current (continuous)     | A    | 10               |
| Output Wattage (continuous)     | W    | 150              |
| Efficiency (Full Load)          | %    | 89               |
| Max. Output Wattage             | W    | 150              |
| Series Operation                | -    | Yes              |
| Parallel Operation              | -    | Yes              |
| Power On Signal (Enable)        | -    | High             |
| Remote On/Off                   | -    | Yes              |
| Overtemperature Protection      | -    | Yes              |
| Overvoltage Protection          | -    | Yes              |
| Overcurrent Protection          | -    | Yes              |
| Mil-Std-461F                    | -    | Yes              |
| Mil-Std-810G                    | -    | Yes              |
| Mil-Std-704F                    | -    | Yes              |
| Operating Baseplate Temperature | °C   | -55 to +100°C    |
| Storage Temperature             | °C   | -55 to +125°C    |
| Cooling                         | -    | Conduction       |
| Weight                          | g    | 28               |
| Size (LxWxH)                    | mm   | 41 x 26.4 x 7.21 |

## Features

- Input Voltage: 18-36 VDC
- Output Voltage: 15 VDC
- Output Power: 150 Watt
- Efficiency: %89
- Dimensions: 41 x 26.4 x 7.21 mm
- Power Density: 315 W/in<sup>3</sup>
- Input/Output Isolation: 2kV
- Series, Parallel Connection
- Qualification Tests: MIL-STD-461F, MIL-STD-810G, MIL-STD-704F



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