

# GA Series



## DC/DC

## 15 Watts

Single/Dual Outputs

- 4:1 ultra wide input range
- Remote shutdown
- 100kHz switching frequency
- Continuous short circuit protection
- Six-sided shielding

### Specifications

#### INPUT

Voltage Range	20-72Vdc
Filtering	All Models
Reverse Polarity Protected	To Nominal Input Current External Fuse Required
Remote On/Off Control	All Models

#### OUTPUT

Voltage Tolerance	± 1%
Ripple and Noise	75mV pk-pk
Short Circuit Protection	Continuous Power Cycle
Temperature Coefficient	0.02% / °C

#### GENERAL

Regulation:	
Line	0.5%
Load	2.0%
Efficiency	80-85% (typ)
I/O Isolation	500 Vdc
Switching Frequency	100kHz (typ)

#### ENVIRONMENTAL

Operating Temperature	-25°C to +60°C
Storage Temperature	-25°C to +105°C
Cooling	Free-air Convection

All specifications are typical at nominal line and full load at 25°C unless otherwise noted and are subject to change without notice.

The GA series is an economically priced 15 watt DC/DC converter featuring ultra-wide input range, efficiencies to 85% and a continuous six-sided shielded case. Low ESR capacitors are used both on the input and the output(s) to minimize the conductive noise. Other key features include: overvoltage protection, output trim adjustability, TTL and CMOS compatible remote on/off, short circuit protection and small size. The GA series measures only 1.6" x 2.0" x 0.40" and offers a power density of 11.7 watts/cu. in.

### Applications

These units are ideally suited for telecommunications, distributed power systems, automatic test equipment, geosource test equipment and process control.



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