

#### FEATURES

- Up to 12 watts/cubic inch
- Efficiency to 90%
- Ultra Wide Input Voltage Range
- Thermal Overload Protection  
Six-Sided Shielding,  
Low Thermal Gradient  
Copper Case
- Reverse Polarity Protection

#### APPLICATIONS

- Telecommunications
- Transportation
- Battery Operated Equipment
- Process Control Equipment



Model	Input Range (VDC)	Output Voltage (DC)	Output Current (AMPS)	Eff. @ F.L. (TYP)	GENERAL SPECIFICATIONS	
					Input	Pi
					Voltage Accuracy	±1%
					Voltage Adjustments	±10%
					Ripple	<1%
					Noise (<20 MHz)	<2%
					Temperature Coefficient	.02%/°C
					Regulation Line	± 0.5% Main LL-HL
					Load	±0.5% NL-FL
					Isolation	None. Pins 2 & 7 Internally Connected
					Switching Frequency	40 KHz Typical Fixed
					Efficiency	See Table
					FAULT PROTECTION	
					Reverse Polarity Protection	Yes (External fuse required)
					Over-voltage Main	Yes
					Short Circuit	Indefinite, Auto Recovery
					ENVIRONMENTAL	
					Thermal Trip Point	110°C Case Temperature
					Operating Temperature	-25°C to 70°C
						Refer to derating curve
					Storage Temperature	-40°C to 105°C

Contact our sales application department with your custom designs and specifications.  
At Intronics we are prepared to respond promptly to your needs.

#### NOTES:

1. Remote sense and remote control are standard on Models DC703, DC706 and DC708. At input voltages below nominal, current limit is 4 Amps minimum for these models.
2. Remote Control:  
CMOS 0 ± TTL open collector  
ON - 4.2 VDC or open circuit  
OFF - 3.5 VDC or lower (4ma sink)