

# 9003 SERIES

## HIGH RELIABILITY POWER SUPPLY



MIL-STD-704D/E INPUT  
 MIL-STD-461D EMI  
 MIL-STD-810 ENVIRONMENTS  
 MTBF >50,000 HOURS  
 -55 TO +100° C TEMP. RANGE  
 200 KHZ FIXED FREQUENCY  
 REMOTE VOLTAGE SENSE

### GENERAL SPECIFICATIONS\*

INPUT VOLTAGE 120 VAC, 400 Hz, Per Mil-Std-704D/E	OUTPUT VOLTAGE ADJUSTMENT +/-10% by Potentiometer
ISOLATION Input/Output 1000 VDC Input/Chassis 500 VDC Output/Chassis 500 VDC	REGULATION Line (115 VAC +/-10%) 0.2% Max. Load (2% to FL) 0.4% Max. Temp. (-55 to +100° C) +/-1.55% Max.
REMOTE SENSE Up to 10% of Output Voltage	RIPPLE & NOISE Vpk-pk (20 MHz BW) 2% Max.
ALTITUDE To 70,000 ft.	TEMPERATURE RANGE -55 to 100° Centigrade Base Plate
OVERCURRENT PROTECTION Continuous, Foldback at Short Circuit Automatic Recovery	CASE MATERIAL Aluminum
	WEIGHT 27 oz. Maximum

### PART NUMBER SELECTION GUIDE\*\*

PART NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT	EFFICIENCY
9003-105	5.0 VDC	5.0 A	65% Min.
9003-112	12.0 VDC	2.1 A	73% Min.
9003-115	15.0 VDC	1.7 A	74% Min.
9003-124	24.0 VDC	1.1 A	75% Min.
9003-128	28.0 VDC	0.9 A	75% Min.

\* Consult factory for detailed specification sheets.

\*\* Consult factory for other voltages and configurations.

