



3 Series

HIGH VOLTAGE PROPORTIONAL POWER SUPPLIES

The Series 3 converters are frequently used where a high voltage output is required that can withstand such rigors as rocket launching. It is also used in a variety of applications such as instrumentation and apparatus where shielding and regulation is important. Its metal enclosure makes this unit exhibit very low EMI which minimizes interference with other sensitive equipment.



OUTPUT VOLTAGE	ADJUSTMENT FROM - TO	MAXIMUM CURRENT	MODEL NUMBER INPUT VOLTAGE		
			12 ± 2VDC	24 ± 4VDC	28 ± 4VDC
100	90 - 110	30	3S2100	3S4100	3S8100
200	180 - 220	15	3S2200	3S4200	3S8200
300	270 - 330	10	3S2300	3S4300	3S8300
500	450 - 550	6	3S2500	3S4500	3S8500
600	540 - 660	5	3S2600	3S4600	3S8600
700	630 - 770	4.3	3S2700	3S4700	3S8700
800	720 - 880	3.8	3S2800	3S4800	3S8800
900	810 - 990	3.3	3S2900	3S4900	3S8900
1000	900 - 1100	3	3S21000	3S41000	3S81000
1200	1080 - 1320	2.5	3S21200	3S41200	3S81200
1400	1260 - 1540	2.2	3S21400	3S41400	3S81400
1600	1440 - 1760	1.9	3S21600	3S41600	3S81600

FEATURES

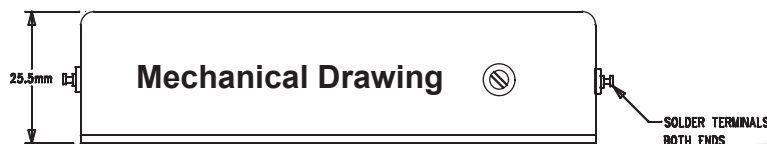
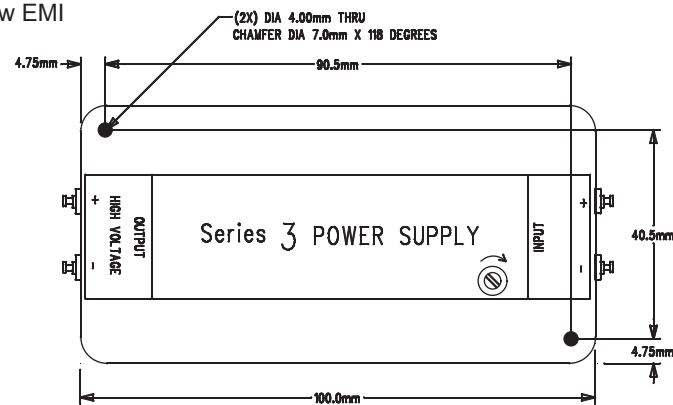
- 3 Watt Power
- Outputs To 1600 Volts
- Adjustable Outputs
- Sealed Metal Enclosure
- Regulated
- Low EMI

OPTIONS

- Shielding Pin
- Output Center Tap
- Mounting Holes
- Alternate Pin Configurations

ELECTRICAL SPECIFICATIONS

- Input Voltage:** See Table
- Output Voltage:** See Table
- Output Current:** See Table
- Output Ripple:** .3 % P-P
- Regulation Line:** + - .5 %
- Regulation Load:** (1/2 to Full) + - 1%
- Reverse Polarity:** 100 Volts
- Isolation:** (Input to Output) 250 VDC
- Adjustable:** + - 10 %
- Operating Temperature Case:** (-20 to +85 deg. C)
- Storage Temperature:** (-40 to +85 deg.C)



MECHANICAL SPECIFICATIONS

- Size:** 1.97" X 3.80" X 1.004H
(50mm X 100.00mm X 25.5mmH)
- Weight:** 200g
- Mounting:** Contact Factory
- Case Mater:** Aluminum
- Terminals:** Solder Teflon
- 2X Mounting Holes:** 4.0mm thru
- Shock:** 50 G's
- Vibration:** 20 G's