

SPS Series

1.2kW Programmable DC Power Supply



FEATURES

- High Power Density, 1U
- Multi channel output available
- GPIB/SCPI, RS232, Ethernet & USB interface available
- Closed case calibration
- 10 turn potentiometer for voltage & current control
- LED display module
- Programmable protection modes
- TTL on-off control
- Master/slave capability up to 31 channels available

ENVIRONMENTAL

Storage Temp:	-40°C to +70°C
Operating Temp:	0°C to +50°C
Humidity:	0 to 80% RH Non-condensing

SAFETY / EMC

EN60950
CE marked in accordance with the
Low Voltage Directive (LVD)

UL approved to UL60950

ELECTRICAL SPECIFICATIONS

INPUT

AC INPUT	104 - 130VAC / 20A max.
(Auto switching)	207 - 260VAC / 10A max.
Frequency	47 - 63Hz

OUTPUT

Line Regulation	±0.05% - CV or CC mode
Load Regulation	±0.05% - CV or CC mode
Transient Response (1)	1 - 3mS
Stability (2)	±0.01% +10mV
Temp. Coefficient (3)	100ppm / °C (CV mode) 300ppm / °C (CC mode)
Output Isolation	±600VDC
Remote Sense	±2VDC volt drop / line
Meter Accuracy	0.2% +0.2V (Voltage) 0.2% +0.2A (Current)

NOTES:

1. 50% to 100% load change within 0.1% of nominal voltage
2. Under constant load, line & temp. over an 8 hour interval after a 30 min. warm up period
3. After 30 min. warm up period

Specifications subject to change without notice

Safety Power Group Ltd

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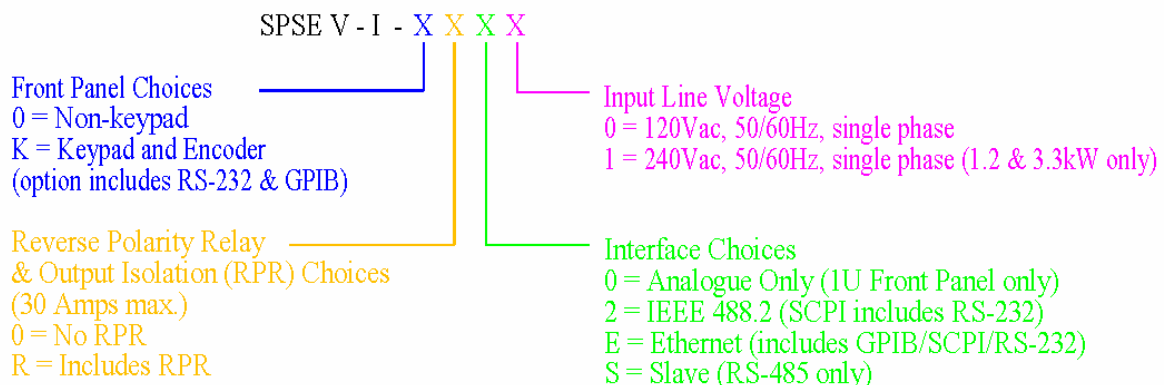
e-mail: sales@safety-power.com

web: www.safety-power.com

AVAILABLE MODELS

MODEL No.	OUTPUT VOLTAGE	OUTPUT CURRENT
SPS8-150	0 - 8VDC	0 - 150ADC
SPS20-60	0 - 20VDC	0 - 60ADC
SPS35-35	0 - 35VDC	0 - 35ADC
SPS40-30	0 - 40VDC	0 - 30ADC
SPS60-20	0 - 60VDC	0 - 20ADC
SPS80-15	0 - 80VDC	0 - 15ADC
SPS120-10	0 - 120VDC	0 - 10ADC
SPS150-8	0 - 150VDC	0 - 8ADC
SPS200-6	0 - 200VDC	0 - 6ADC
SPS300-4	0 - 300VDC	0 - 4ADC
SPS450-2.5	0 - 450VDC	0 - 2.5ADC
SPS600-2	0 - 600VDC	0 - 2ADC

ORDERING INFORMATION



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