

## SPS Series Switching Power Sources

### New Switching Power Source Series meets California Energy Commission (CEC) Standards

Stancor is now offering Switching Power Sources that meet environmental standards required by the state of California and the federal government. These products meet CEC efficiency level IV.

Input voltage is 100-240 VAC, 50/60 Hz. Output power is up to 24 watts. Power consumption at no load is .5 watts.



#### Features:

- U.L. listed for use in the U.S. and Canada, UL Standard 60950-1
- Overload and short circuit protected
- 100% burn-in and test at factory
- 50,000 hours MTBF
- 4200 VDC Dielectric
- Class II insulation (Double insulated)
- RoHS compliant
- Input range: 90-264V, 47-63Hz
- Complies with FCC Part 15 Class B
- Line regulation  $\pm 2\%$ , Load regulation  $\pm 5\%$
- Light weight and compact

#### Applications:

- Cordless phones
- Answering machines
- Modems (xDSL)
- Routers
- Scanners
- Video game systems
- Video gaming accessories
- Printers
- Chargers for:
  - laptops
  - cell phones
  - cordless tools
  - electronic toys
- Computer accessories, speakers, etc.



| Stancor Switcher Part Number |              |       |       |                             |                     |      |      |                   |
|------------------------------|--------------|-------|-------|-----------------------------|---------------------|------|------|-------------------|
| Stancor Part Number          | Rated Output |       |       | Output Plug Inside Polarity | Dimensions (Inches) |      |      | Wt. Approx. (Oz.) |
|                              | Volts        | mA    | Watts |                             | H                   | W    | D    |                   |
| SPS-0305                     | 5 VDC        | 600   | 3.0   | Negative                    | 2.5                 | 1.12 | 1.75 | 2.8               |
| SPS-0612                     | 12 VDC       | 500   | 6.0   | Negative                    | 2.5                 | 1.12 | 1.75 | 2.8               |
| SPS-1212                     | 12 VDC       | 1,000 | 12.0  | Negative                    | 2.94                | 1.19 | 1.62 | 3.9               |
| SPS-1412                     | 12 VDC       | 1,200 | 14.4  | Negative                    | 2.94                | 1.38 | 2.19 | 4.0               |
| SPS-1424                     | 24 VDC       | 600   | 14.4  | Negative                    | 2.94                | 1.38 | 2.19 | 4.2               |
| SPS-2424                     | 24 VDC       | 1,000 | 24.0  | Negative                    | 3.38                | 2.19 | 1.25 | 5.6               |

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SPS-1412  
I.T.E. POWER SUPPLY  
Input: 100-240V ~ 50/60Hz 0.5A  
Output: 12V 1.2 A  
C US  
LPS  
EFFICIENCY LEVEL  
# -  
ABSA-120120PU  
R Made in XXXXX XXXX C

2 CONDUCTOR CORD  
70" LONG MIN.

PLUG: 2.1 X 5.5 X 11.0mm  
WIRED INSIDE NEGATIVE

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SPS-2424 C US  
I.T.E. POWER SUPPLY  
Input: 100-240V ~ 50/60Hz 0.5A  
Output: 24V 1.2 A  
LPS  
EFFICIENCY LEVEL IV  
# -  
R Made in XXXXX ABSA-240120PU XXXXX

2 CONDUCTOR CORD  
70" LONG MIN.

PLUG: 2.1 X 5.5 X 11.0mm  
WIRED INSIDE NEGATIVE