



■ Features

- Regulated output voltage 12V DC @ 4A
- Wide input range voltage 90-264Vac
- Overvoltage crowbar protection
- Short circuit protection
- Low output voltage ripple
- Galvanic isolation up to 3kV DC
- Screw clamp connectors

■ Description

SPS 1204 is a member of switching power supplies. Device is supplied either from AC powerline 90-264V/47-447Hz or from DC 120-370V. Output voltage is regulated at 12V and can be loaded up to 4A.

■ Applications

Switching power supply SPS 1204 is intended to use with devices requiring 12V nominal power supply voltage up to 48W. It has very high efficiency and low dissipation thus it is suitable for most harsh environment operating conditions.

■ Technical specifications

Input voltage	90 – 264Vac, 47 – 440Hz 120-370Vdc
Input current	1A/115V, 0.7A/230V
Input current, cold start	20A/115V, 40A-230V
Output voltage	12V DC \pm 2%
Output current	4.4A max
Output voltage ripple	100mVp-p
Galvanic isolation	I/P-O/P: 3kV I/P-FG: 1.5kV O/P-FG: 0.5kV
Protection	overvoltage crowbar protection: 115%-135% short circuit protection: 110%
Working temperature	-10°C to +60°C
Humidity	0 to 95% non condensed
Mounting	on wall or plate
Case	metal 160x45x80mm, IP20
Connectors	pluggable screw clamp, 250V, 8A max, 2.5mm ²
Weight	cca. 200g