

# Desk Top Power Supplies

**POWER**  
**SOLVE**

[www.powersolve.co.uk](http://www.powersolve.co.uk)

PSD30C, 45C, 48C, 50C, 60C & 65C Series

30-65 Watts Switch Mode

Universal AC Input

The NEW PSD series is a range of 30-65 Watt switch mode desk top power supplies in a very compact enclosure measuring only 97 x 44 x 31mm.

They are ideal for applications where a small low cost external power supply is required for powering equipment such as LCD monitors, Notebook Computers, Printers, POS, Modems etc.



## Specification

AC Input:	90-264 VAC, 47-63Hz
Input Current:	Max 1.7A @ 90V AC input
Input Frequency:	47-63Hz
Efficiency:	70% minimum, at full load with 115V I/P
DC Outputs:	See table
Output Ripple & Noise:	50mV or 1% whichever is greater
Protection:	Overload and Short Circuit
Hold Up Time:	8 ms minimum
Operating Temperature:	0 to 40°C Operating Ambient
Storage Temperature:	-40 to +85°C
Humidity:	10-90% non-condensing (operating)
Vibration & Shock:	2G at 20-30Hz, 50G for 20ms in all 3 orthogonal planes.
EMI:	EN55022'B' & FCC'B'
Safety:	UL/cUL/TUV/GS(EN60950), CE Class II insulation
Output Connector:	Standard stock items - 02 version with 2.5 x 5.5 x 9.5 mm barrel connector. Other connectors available - consult sales office.

## Output Voltage/Current Rating Chart - PSD Series

Model	Output V	Output I
PSD30C-05-02	5 V	6.0A
PSD45C-09-02	9 V	5.0A
PSD45C-10-02	10 V	4.5A
PSD48C-12-02	12 V	4.0A
PSD45C-15-02	15 V	3.0A
PSD50C-16-02	16 V	3.3A
PSD60C-18-02	18 V	3.2A
PSD60C-19-02	19 V	3.0A
PSD65C-24-02	24 V	2.7A

MECHANICAL DIMENSIONS (mm)

