

# 250W Power Supply for Gaming Machines



## Features:

- Power Factor Correction circuit build in providing a pure sinewave input current and a universal supply voltage range
- Very compact size and low weight
- All internal functions and protections controlled by a microprocessor
- 5 Individual outputs
- Intelligent fan speed control providing low noise and extended life time
- Active inrush current limitation, adequately reducing the start up current in both cold and hot start up conditions
- UL, CE and CB approved

## Specifications

### GENERAL

Operating temperature range:	0 - +40° C
Dielectric voltage withstand :	
- Input to Output:	2500 Vac
- Input to earth:	1500 Vac
- Output to earth:	500 Vac
Efficiency:	better than 80%

### MECHANICAL

Housing:	Black anodised alluminium
Dimensions ( LxWxH ):	195 x 145 x 69 mm
Weight:	285 gram

### INPUT

Supply voltage:	85 – 264V; 47 - 63 Hz
Inrush current:	Lower than 20A peak for both cold- and hot start condition.

### OUTPUTS

Output 1:	- Voltage: +5V ± 3%	- Current: 0 - 2.5A; 3A peak
Output 2:	- Voltage: +8V ± 3%	- Current: 0 - 2.5A; 3A peak
Output 3:	- Voltage: +8V ± 5% floating	- Current: 0 - 0.1A
Output 4:	- Voltage: +12V ± 3%	- Current: 0 - 5A; 11A peak
Output 5:	- Voltage: + 24V ± 3%	- Current: 0 - 6A; 9.5A peak

### PROTECTIONS

Overload:	All outputs are fully protected against overload or short circuit conditions.
Thermal:	Full protection against overheating.
Fan:	Full protection against disconnection or blocking of the cooling fan.

