



Desktop

DPS-230GB-1 Series

125 (W) x 63.5 (H) x 110 (L) mm



FEATURES

- Application: Desktop PC
- 60mm fan
- Remote On/Off
- Low acoustics noise
- High reliability
- Fan speed control
- Short circuit protection
- Over voltage protection
- Over temperature protection
- Passive PFC to meet EN61000-3-2

ENVIRONMENTAL

- Operating ambient temperature: 10~50 °C
- Operating relative humidity: 20~85%
- Storage ambient temperature: -20~60°C
- Storage relative humidity: 5~90%
- Altitude: 10,000~50,000 feet
- MTBF: > 100K hours @ max. load & 25°C ambient conditions.

ELECTRICAL SPECIFICATIONS

INPUT

- Input Range 90~264Vac, single phase
- Frequency 47~63Hz
- Input Current <6A @ 115Vac, <3A @ 230Vac
- Efficiency >65% @ 115Vac
- EMI/RFI CISPR 22 Class B, FCC, VCCI

OUTPUT

- Maximum Power 230 Watts
- Holdup Time >17mS for outputs @ 115Vac
- Rise Time 0.1~20mS
- Leakage Current <0.75mA @ 220Vac
- Overvoltage Protection: +3.3V, +5V, +12V
- Short-Circuit Protection: Latch off
- Power Good Signal: TTL compatible on delay 100mS to 500mS, off delay 1mS.



Output	Voltage	Regulation	Minimum Load	Maximum Load	Peak Load	Ripple & Noise
V1	+3.3V	±5%	0.3A	14.0A	-	100mV
V2	+5V	±5%	1.0A	12.0A	-	100mV
V3	+12V	±5%	0.5A	13.0A	15.0A	200mV
V4	-12V	±10%	0.05A	0.5A	-	240mV
V5	+5Vsb	±5%	0.1A	2.0A	2.5A	150mV

1. Total continue power output: 230W
2. The combined power on +3.3V & +5V: 106.2W max
3. The combined power on +3.3V, +5V & +12V: 220W max

All specifications are subject to change without prior notice.

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