Desktop

DPS-300AB-9 Series

125 (W) x 63.5 (H) x 100 (L) mm

FEATURES

- Application: Desktop PC
- 80mm fan
- Comply with Intel SFX12V 3.0
- Remote On/Off
- Low acoustics noise
- High reliability
- Fan speed control
- Short circuit protection
- Over voltage protection
- Over current protection
- Active PFC to meet EN61000-3-2

ENVIRONMENTAL

- Operating ambient temperature: 5~50 ºC
- Operating relative humidity: 8~85%
- Storage ambient temperature: -40~70ºC
- Storage relative humidity: 5~95%
- Altitude: 10,000~50,000 feet
- MTBF: > 100K hours @ max. load & 25ºC ambient conditions.

ELECTRICAL SPECIFICATIONS

INPUT

- Input Range 90~264Vac
- Frequency 47~63Hz
- Input Current <6A @ 90Vac
- Efficiency >70% @ 115/230Vac
- EMI/RFI VCCI Class B, FCC

OUTPUT

- Maximum Power 300 Watts
- Holdup Time >16mS @ 115/230Vac
- Rise Time 0.1~20mS
- Overvoltage Protection: +3.3V, +5V, +12V
- Overcurrent Protection: <240VA
- 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 Vp-p
V1	+3.3V	±5%	0.5A	18.0A	-	50mV
V2	+5V	±5%	0.3A	18.0A	-	50mV
V3	+12V1	±5%	1.0A	11.0A	-	120mV
V4	+12V2	±5%	1.0A	14.5A	-	200mV
V5	-12V	±10%	0.0A	0.4A	-	120mV
V6	+5Vsb	±5%	0.0A	2.0A	2.5A	50mV

1. Total continue power output: 300W
2. The combined power on +3.3V & +5V: 125W max
3. The combined power on +3.3V, +5V & +12V: 285W max

All specifications are subject to change without prior notice.

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