



# Desktop

## DPS-300AB-5/-6 Series

150 (W) x 86 (H) x 140 (L) mm



### FEATURES

- Application: Desktop PC
- 120mm fan
- Comply with Intel ATX12V 2.0
- Remote On/Off
- Low acoustics noise
- High reliability
- Fan speed control
- Short circuit protection
- Over voltage protection
- Over current protection
- Passive PFC @ 230Vac to meet EN61000-3-2 (optional)

### ENVIRONMENTAL

- Operating ambient temperature: 0~50 °C
- Operating relative humidity: 5~85%
- Storage ambient temperature: -40~70°C
- Storage relative humidity: 5~95%
- Altitude: 10,000~50,000 feet
- MTBF: > 100K hours @ max. load & 25°C ambient conditions.

### ELECTRICAL SPECIFICATIONS

#### INPUT

- Input Range 90~135Vac/ 180~265Vac
- Frequency 47~63Hz
- Input Current <8A @ 115Vac, <4A @ 230Vac
- Efficiency >70% @ 115Vac/230Vac
- EMI/RFI CISPR 22 Class B, FCC

#### OUTPUT

- Maximum Power 300 Watts
- Holdup Time >17mS @ 115Vac or 230Vac
- Rise Time 0.1~20mS
- Leakage Current <0.75mA @ 250Vac
- 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	20.0A	-	50mV
V2	+5V	±5%	0.3A	20.0A	-	50mV
V3	+12V1	±5%	1.0A	8.0A	10.0A	120mV
V4	+12V2	±5%	1.0A	14.0A	-	120mV
V5	-12V	±10%	0.0A	0.5A	-	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: 120W max
3. The combined power on +3.3V, +5V, +12V1 & +12V2: 290W max

All specifications are subject to change without prior notice.

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