



# Desktop

## DPS-300PB-1 Series

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



### FEATURES

- Application: Desktop PC
- 80mm fan
- Comply with Intel ATX12V 1.2
- Remote On/Off
- Low acoustics noise
- High reliability
- Fan speed control
- Short circuit protection
- Over voltage protection
- Passive PFC @ 230Vac to meet EN61000-3-2 (optional)

### ENVIRONMENTAL

- Operating ambient temperature: 5~40 °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

### ELECTRICAL SPECIFICATIONS

#### INPUT

- Input Range 90~132Vac/ 180~264Vac, Switch selectable, single phase
- Frequency 50~60Hz
- Input Current <8A @ 115Vac, <4A @ 230Vac
- Efficiency >65% @ 115/230Vac
- EMI/RFI CISPR 22 Class B, FCC

#### OUTPUT

- Maximum Power 300 Watts
- Holdup Time >17mS @ Max. Load, 115Vac or 230Vac
- Rise Time 2~20mS
- Leakage Current <1.5mA @ 230Vac
- 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 Vp-p |
|--------|---------|------------|--------------|--------------|-----------|---------------------|
| V1     | +3.3V   | ±5%        | 0.3A         | 28.0A        | -         | 50mV                |
| V2     | +5V     | ±5%        | 1.0A         | 30.0A        | -         | 50mV                |
| V3     | +12V    | ±5%        | 1.0A         | 15.0A        | -         | 120mV               |
| V4     | -12V    | ±10%       | 0.0A         | 0.8A         | -         | 120mV               |
| V5     | +5Vsb   | ±5%        | 0.0A         | 2.0A         | -         | 50mV                |

1. Total continue power output: 300W
2. The combined power on +3.3V & +5V: 180W max

All specifications are subject to change without prior notice.

**DELTA ELECTRONICS, INC.**  
 3, TUNG YUAN ROAD, CHUNGLI INDUSTRIAL ZONE  
 TAOYUAN SHIEH, TAIWAN, R.O.C.  
 TEL: 886-3-4526107  
 FAX: 886-3-4527314  
 mail: powersales@delta.com.tw

**DELTA PRODUCTS CORPORATION**  
 4405 CUSHING PARKWAY  
 FREMONT, CA 94538, U.S.A.  
 TEL: 1-510-668-5100  
 FAX: 1-510-668-0680

**DELTA ELECTRONICS(JAPAN) INC.**  
 DELTA SHIBADAIMON BLDG.  
 2-1-14 SHIBADAIMON, MINATO-KU,  
 TOKYO, 105-0012, JAPAN  
 TEL: 81-3-5733-1111  
 FAX: 81-3-5733-1211

**DELTA ELECTRONICS, EUROPE LTD.**  
 2 YOUNG PLACE  
 KELVIN INDUSTRIAL ESTATE  
 EAST KILBROIDE, GLASGOW G75 0TD,  
 U.K.  
 TEL: 44-1355-588888  
 FAX: 44-1355-588889