

BPS-300DS/2U

DC SINGLE POWER SUPPLY



- 300W ATX DC/DC POWER SUPPLY
- EPS 12V APPLICATION
- 12V Max. Current: 16A
- DIMENSION: 100(W) x 70 (H) x 190(D) mm
- 100% Hi-pot tested
- MTBF: 100K hours at 25°C
- 100% bur n-in under high ambient temperature(50°C)
- AC input full range
- Output over voltage protection



Specifications

OUTPUT

Output Voltage
Max. Load
Min. Load
Max. Power
Load Reg. %
Cross Reg. %
Line Reg. %
Ripple %
Noise %

V1 +5V	V2 3.3V	V3 +12V	V4 -5V	V5 -12V	V5SB Standby
30A	20A	16A	0.5A	1A	2A
3A	0A	1A	0A	0A	0A
150W			2.5W	12W	7.5W
278W					
±5%	+5/-3%	±5%	±10%	±10%	±5%
±5%	±5%	±5%	±10%	±10%	±5%
±1%	±1%	±1%	±1%	±1%	±1%
±1%	±1%	±1%	±2%	±2%	±1%
±1%	±1%	±1%	±2%	±2%	±1%

INPUT

- ▶ Input voltage 90 to 264 VAC
- ▶ Input frequency 47 to 63Hz
- ▶ Input current 8.0A/115Vac, 4.0A/230Vac

GENERAL

- ▶ Hold-up time 20mx at 115Vac/60Hz, 20ms at 230Vac/50Hz.
- ▶ Efficiency 68%/115V; 68%/230V(full load)
- ▶ MTBF 100,000hours at full load at 25°C

ENVIRONMENTAL

- ▶ Operating temperature 0°C to +50°C
- ▶ Storage temperature -20°C to +80°C
- ▶ Relative humidity 5% to 95% non-condensing