

CPS-5011-4A41

500W Single Power Supply AC-DC Module



FEATURES

- 80 PLUS Platinum Digital Power Supply
- Support PMBus 1.2
- High Power Density 18.5 W/in³
- EEPROM for FRU data
- Active Power Factor Correction
- Standard FlexATX Form Factor
- Application for Rack Server, DVR, and Industrial PCs in 1U Platforms



UL, cUL, CB, CE, CCC, BSMI, CISPR 32, FCC class B, RoHS



- Dimension : 150 x 81.5 x 40.5 mm(D x W X H)
- Max Power : 500W

SPECIFICATIONS

▶ INPUT

Voltage	90 - 264 V				
Frequency	47 - 63 Hz				
Current	100 - 240V / 7.0 - 3.5A				

▶ OUTPUT

Voltage	+12V1	+12V2	+5V	+3.3V	+5Vsb
Regulation	±5%	±5%	±5%	±5%	±5%
Max Load	21A	21A	15A	12A	3.0A
Ripple & Noise	120mVp-p	120mVp-p	50mVp-p	50mVp-p	50mVp-p

▶ GENERAL

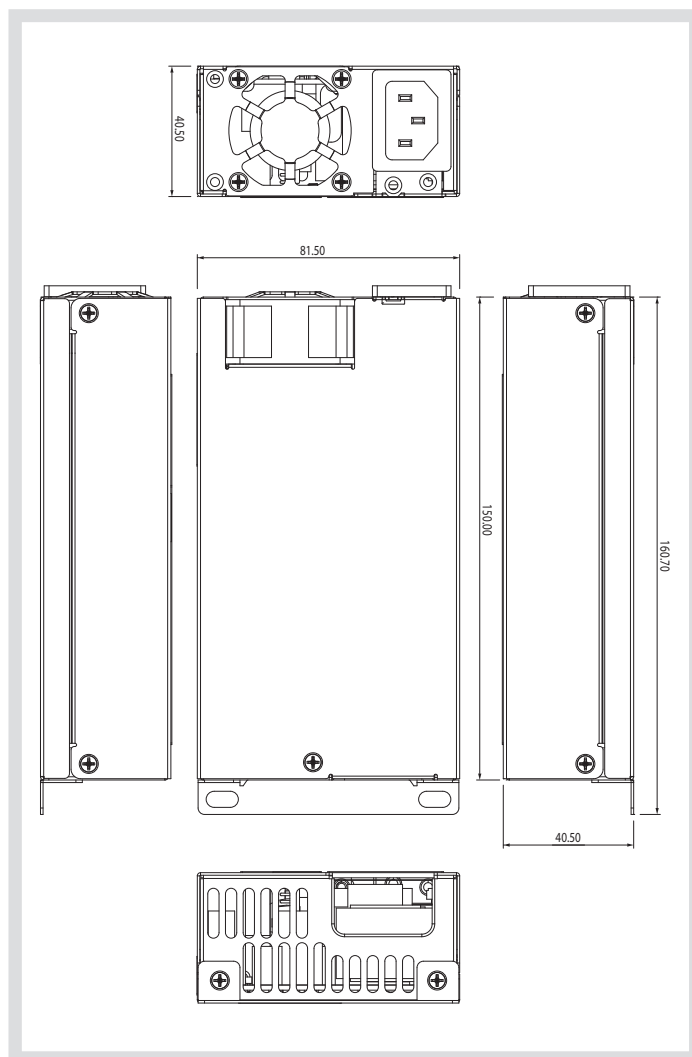
Hold-up time	17 ms @ 75% Load
Efficiency	Minimum 92% @ 50% Load
MTBF	200,000 hours at 100% load and 50 degrees Celsius

▶ ENVIRONMENTAL

Temperature	0 to 50 degree C Operating
Altitude	16,500 feet Operating
Relative humidity	20% to 90% RH Operating

★ The power & signal pins on the power supply connector (gold-finger area) must be gold plated to 30 micron-inches.

MECHANICAL DRAWING



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