



Industrial 120W open frame power supply with ATX output



Features

- Continuously 100W convection cooled
- High efficiency up to 75%
- PG/PF Signal
- IEC 62368-1, UL 60950-1 approved
- MTBF>130,000 hr. MIL-217F

Input

- Input Voltage: 90 ~ 264VAC
- Input Frequency: 47 ~ 63 Hz
- Input Current: 2A
- Inrush Current: 30 / 60A
- Input Protection: Fuse: 5A/250VAC * 1pc

Output

- Output Voltage: +5V, +12V, -12V, +3.3V, +5VSB
- Minimum Load: 0A (-12 V, +3.3 V, +5Vsb), 1A (+5V), 0.1A (+12V)
- Hold up Time: 20 mS
- Line Regulation: $\pm 1.0(V1 \sim V5)$ %
- Load Regulation: $\pm 2.0(V1)$, $\pm 4.0(V2)$, $\pm 5.0(V3)$, $\pm 4.0(V4)$, $\pm 4.0(V5)$ %
- Ripple & Noise: 50(V1), 120(V2), 120(V3), 50(V4), 120(V5)
- Over Voltage Protection: Yes
- Short Circuit Protection: Automatic recovery upon of overload condition

General

- Switching Frequency: 60 KHZ

EMC: Immunity

- ESD: IEC 61000-4-2
- Radiated: IEC 61000-4-3
- EFT: IEC 61000-4-4
- Surges: IEC 61000-4-5
- Conducted: IEC 61000-4-6
- Power Magnetic: IEC 61000-4-8
- Dips and Interruptions: IEC 61000-4-11

EMC: Emissions

- TUV: EN 62368-1:2014 + A11: 2017
- CB: IEC 62368-1, 2nd edition
- UL/cUL: UL 60950-1, 2nd Edition
- CSA C22.2 No. 60950-1-07, 2nd Edition

Environment Spec

- 0 ~ +70°C operation temperature
- Operation humidity under 5% ~ 95%

Dimension

- 170mm (L) x 83mm (W) x 41mm (H)

Ordering Information

PGA-U120AXP Industrial 120W open frame power supply with ATX output