



DC 24V input PS/2 Type Power Supply with ATX Output



Features

- 300W DC/DC PS2 ATX power supply with P4 connector
- Input Voltage Range: +19VDC ~ 32VDC
- Suitable for vehicle application
- Fully isolated primary and secondary ground.
- MTBF>116,000hr. MIL-217F at 40°C full load

Input

- +19VDC ~ 32VDC

Efficiency

- 65% ~ 76.82%

Remote On/Off

- PSON compatible signal

Power Good

- TTL signal compatible power good signal. Turn-on delay 100 ~ 500ms

Cooling

- 80mm Fan

Output Protection

- Short circuit, overload & over voltage power protection

MTBF

- MTBF>116,000hr. MIL-217F at 40°C full load

Environment

- Operating Temperature: -20°C~70°C(derating from 30°C)
- Operating Humidity: 5% ~ 95%RH, non-condensing

EMI/RFI

- FCC part 15, Subpart B, Class B computing devices
- CISPR22 (EN55022) Class B

Safety

- UL60950-1 and EN60950-1 approved
- TUV, EN 60950-1

Dimension

- 150 (W) x 140 (D) x 86 (H) (mm)

Output Table

Output Voltage	+5V	+3.3V	+12V	-12V	-5V	5VSB
Max Load	30A	15A	15A	2A	2A	1.2A
Min Load	2A	0A	0.1A	0A	0A	0A
Max Power	150W					
Peak Load						
Line Regulation	+/-1 %	+/-1 %	+/-1 %	+/-1 %	+/-1 %	+/-1 %
Ripple Reg. mV	50 mV	50 mV	100 mV	100 mV	50 mV	100 mV
Noise Reg. mV	50 mV	50 mV	100 mV	100 mV	50 mV	100 mV

Note 1: The maximum total combined output power on the +3.3V and +5V rail is 150W.

Note 2: The total DC continuous power shall be kept within 300W ambient temperature of 30 below, and input voltage at +24V ~ +32V. When input voltage is +19V ~ +23V the total DC continuous power shall be kept within 250W.

Ordering Information

PGA-300AX-D24 DC 24V 300W ATX PS/2 Type Power Supply