

JET-216AP

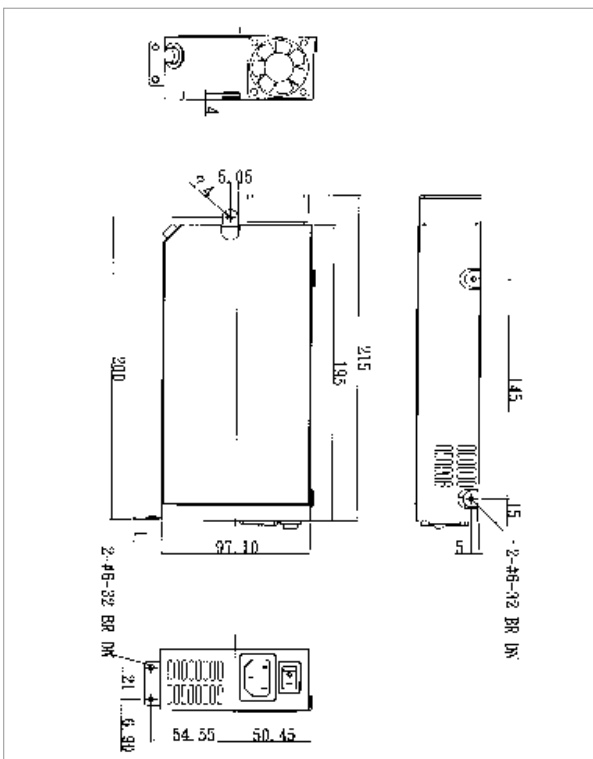
200W ATX Power Supply with PFC for 1U Chassis



FEATURES

- Special design for 1U chassis
- 0°C to 50°C Operating Temperature
- Safety Meets UL/CUL 1950, LVD EN60950
- Efficiency minimum 65% at full load
- MTBF up to 100,000 Hours

Mechanical Drawing



INPUT CHARACTERISTICS

- **Input Voltage:** 90V ~ 264V AC / 100V ~ 240V AC
- **Input Frequency:** 47Hz to 63Hz
- **Input Current:** 5.0A max. for 100VAC ~ 240VAC
- **Inrush Current:** Full load at 115/230VAC
(At 25°C ambient cold start). No damage shall occur.

OUTPUT CHARACTERISTICS

Model No.	Output Voltage	Load		Tolerance	Ripple & Noise
		Min.	Max.		
JET-216AP	+3.3V	0.1A	12.5A	± 5%	100mV
	+5V	2.0A	22.0A	± 5%	100mV
	+12V	0.5A	8.0A	± 5%	200mV
	-5V	0A	0.1A	± 10%	100mV
	-12V	0A	0.3A	± 10%	200mV
	+5VSB	0A	1.5A	± 5%	100mV

SPECIFICATION

- **Overshoot:** Any overshoot at turn on shall be less than 10% of the nominal voltage value.
- **Efficiency:** 65% min. at full load and nominal line voltage.
- **Hold up time:** Unit shall continue to supply regulated DC outputs and power good signal for at least 16 milliseconds at 115/230 VAC full load after a loss of AC input voltage.
- **Output Protection:**
 - Over Voltage Protection:
 - +3.3V DC: 4.5V DC Max
 - +5V DC : 7.0V DC Max
 - +12V DC: 15.6V DC Max
 - Short Circuit:
 - +3.3V, +5V, +12V rails to return
 - Less than 0.03 ohms
 - No Load Operation:
 - No damage or hazardous will occur with any output disconnected from load.
- **Operation Temperature:** 10°C to 50°C
- **Storage Temperature:** -20°C to 70°C
- **Altitude:** It can operate at any altitude between 0 ~ 10,000 ft.
- **Humidity:** 0% to 85% Non-Condensing
- **Designed Comply with:** UL1950, CSA C22.2 NO.950-95, EN60 950, IEC 950 2ND, SEMKO, NEMKO, DEMKO, FIMKO, CE/LVD, CB, EMI: FCC Part 15 "B", CISPR22 (EN55022) "B"