

**TG-2506-B****ATX 2.03/NLX****250W Six-Output PC Power Supply****250 Watts**[\(Back to Main Product List\)](#)

Photo Not Yet Available

**ELECTRICAL SPECIFICATION****Input**

Input range.....	90~135/ 180~264 VAC; Switch select
Frequency.....	47~63 Hz
Input current.....	8A @ 115VAC; 4A @ 230VAC
Inrush current.....	< 60A @ 115VAC at 25°C < 100A @ 230VAC at 25°C
Efficiency.....	> 65% full load at 115VAC > 55% at 30w input power, 115VAC 60Hz

**Output**

Total maximum power.....	250 watts 300 secs
Transient response.....	All output shall stay within regulation for 20% load change from 10Hz to 1kHz and 50% duty cycle
Over current protection.....	< 480VA
Over voltage protection.....	+3.3V trip point < 4.3V +5V trip point < 6.8V +12V trip point < 15.6V
Short-circuit protection.....	Main outputs latch off when short-circuits to common

**Timing Sequence**

Power good signal.....	100 ~ 2,000ms turn-on delay time > 1ms before power fail
Hold-up time.....	>16ms at full load at 115 or 230 Vac Input

**Remote On-Off**

PS-on.....	TTL compatible; active low enables main outputs
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**MECHANICAL / ENVIRONMENTAL**

Dimension.....	150 x 140 x 86 (mm) LxWxH
Cooling.....	80mm sleeve bearing fan
Operating temp. / humidity.....	10 ~ 40°C / 20 ~ 85%
Storage temp. / humidity.....	-40 ~ 70°C / 10 ~ 95%
MTBF.....	250,000 hours at full load 25°C (Bellcore TR-332)

**STANDARD FEATURES**

- CE Mark
- 3.3V Output
- +5VSB standby
- ATX 20-pin connector
- Remote On/Off
- Energy Star
- High efficiency
- High MTBF
- Built-in EMI filter
- IEC1000-2, -4, -5
- Power good signal

**SAFETY**

- UL/CUL 1950
- TUV 60950
- CB (IEC 950)
- NEMKO 60950

**EMI/RFI**

- CE MARK
- FCC Class B
- CISPR 22 Class B

**OPTIONAL FEATURES**

- AC outlet or AC switch
- Thermal fan speed control
- +3.3V remote sensing
- Passive PFC

Output	Voltage	Regulation	Minimum Load	Maximum Load	Peak Load <sup>1</sup>	Ripple (PARD) <sup>2</sup>	Ripple & Noise <sup>2</sup>
V1 <sup>3</sup>	+3.3	+/- 5%	0.5A	14A	-	50mV	100mV
V2 <sup>3</sup>	+5	+/- 5%	2A	25A	-	50mV	100mV
V3	+12	+/- 5%	0.5A	10A	-	120mV	200mV
V4	-5	+/- 10%	0A	0.5A	-	100mV	200mV
V5	-12	+/- 10%	0A	0.5A	-	120mV	200mV
V6	+5VSB	+/- 5%	0A	0.75A	-	50mV	100mV

1. Limited to 12 second maximum.

2. Peak-to-peak value; 20MHz bandwidth; Measured with 10 µF and 0.1 µF tantalum capacitors in parallel to load.

3. Total maximum combined output power on +3.3V and +5V rail is 130 watts