

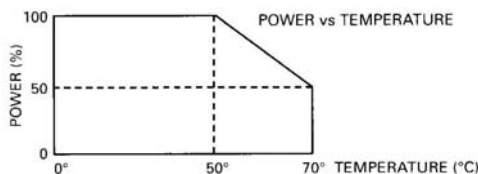


FEATURES

- Power Factor Correction and Auto voltage Select option
- Fully guard-banded circuits
- Slim-line, heavy-duty case
- Rear-loading design
- Overload, over voltage, and short circuit protection
- Module output/fan failure indicator and signal
- Temperature critical signal
- Dual redundant AC main power fail detection and switchover
- Temperature regulated fan speed control
- Hi-pot tested, and full load burn-in
- UL, CSA, and TUV safety approvals
- Built-in line filter to FCC Class B standards
- 100K hours MTBF @ 25°C

ENVIRONMENTAL

Operating temperature:
0°C to 50°C
(Derate linearly to 50% @ 70°C)



Cooling:
By ball-bearing fans, 21.2 CFM

Storage temperature:
-20°C to +60°C

ELECTRICAL SPECIFICATIONS

Input voltage range.....	90 - 264VAC (auto ranging)
Input frequency.....	47 - 63Hz
Input current	10.0A @ 115VAC / 5.0A 230VAC
Inrush current	75A @ 264VAC
Leakage current	<3.5mA @ 264VAC / 60Hz
Efficiency	>65% at 230VAC full load
Output voltage	See table below
Short circuit protection.....	On all outputs
Over voltage protection	+5V (max. 6.80V) +12V (max. 15.00V) +3.3V (max. 4.30V)
Overload protection	150% of full load, shutdown
Hold-up time	16ms at full load @ 115/230VAC
Withstand voltage.....	I/P-O/P: 3KV, I/P-FG: 1.5KV, 1 min
Power good signal.....	TTL compatible (100ms - 500ms)

Output	Voltage	Max. Load	Min. Load	Load Reg.	Line Reg.	Ripple & Noise ¹
V1 ^{2, 4}	+3.3V	30A	0.2A	±5%	±1%	100mV
V2 ²	+5V	50A	7.5/5.0A ³	±5%	±1%	100mV
V3	+12V	18A	1.0/0.5A ³	±5%	±1%	150mV
V4	-5V	2.0A	0A	±5%	±1%	200mV
V5	-12V	2.0A	0A	±10%	±1%	200mV
V6 ⁴	+5Vsb	3.0A	0A	±5%	±1%	100mV

1. Peak to peak with 20Mhz bandwidth and 10uF in parallel with 0.1uF capacitor.
2. Total combined current from +3.3V and +5V is 50A.
3. When operating only two modules.
4. Not provided for AT version.

SAFETY & EMI

Safety standards:
UL 1950
CSA 22.2 No. 234
TUV EN60950
CB EN60950
CE Mark

Meets EMI:
FCC Class B
CISPR22 Class B
EN 5502 Class B

Ordering Information

Order Number	Output voltages provided
T6500P1	+3.3V, +5V, +12V, -5V, -12V, +5Vsb
T5500P1	+3.3V, +5V, +12V, -5V, -12V
T4500P1	+5V, +12V, -5V, -12V

*AT model #T4500P1 is not approved for safety at this time

**Specifications subject to change without notice