

# 1000W ATX PS/2 SINGLE POWER SUPPLY



## MODEL: TC-1000PL (ATX 1000W) ROHS

### INPUT CHARACTERISTICS :

- ◎ VOLTAGE : 100~240V, (Active PFC / Full Range)
- ◎ FREQUENCY : 47~63Hz
- ◎ POWER FACTOR CORRECTION: 0.99
- ◎ INPUT CURRENT : 14A
- ◎ INRUSH CURRENT : 75A/150A MAX FOR 115/230

### OUTPUT CHARACTERISTICS :

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT RIPPLE & NOISE MAX. { P-P }
	MIN ( A )	MAX ( A )	LOAD	LINE	
+5V	0.2	35	±5%	±1%	60mV
+12V1	2	16	±5%	±1%	120mV
+12V2	0	16	±5%	±1%	120mV
+12V3	0	16	±5%	±1%	120mV
+12V4	0	16	±5%	±1%	120mV
-5V	0	0.8	±10%	±1%	120mV
-12V	0	1	±10%	±1%	120mV
+3.3V	0.5	30	±5%	±1%	60mV
+5VSB	0	3	±5%	±1%	60mV

The combined output power +5V&+3.3V shall not exceed 64A.

The combined output power +5V & +12V & +3.3V maximum output 980W.

The total power shall not exceed 1000W.

COMIX INTERNATIONAL CO., LTD.

Website: <http://www.comix.com.tw> ; <http://www.globalsources.com/comix.co>

## **SPECIFICATION :**

- ◎ TEMPERATURE RANGE : Operation 0°C ~ 50°C
- ◎ HOLD UP TIME : 16ms at maximum load & normal input voltage
- ◎ EFFICIENCY : 78% TYPICAL ( Normal Line )
- ◎ POWER GOOD SIGNAL : Should be asserted high to indicate that +5VDC and +3.3VDC output are above the low voltage thresholds. Compatible signal out with 100ms to 500ms.
- ◎ OVER POWER PROTECTION : The power supply shall shut down output power exceeds 130% to 160%
- ◎ OVER VOLTAGE PROTECTION : Standard on +5.0V, set at 6.25VDC  $\pm$  0.75VDC
- ◎ SHORT CIRCUIT PROTECTION : A short circuit placed between the DC return and the output shall cause no damage and the power supply shall shutdown.
- ◎ EMI : FCC part 15, subpart B, Class B, EN55022 CISPR22 Class B.
- ◎ AGENCY APPROVALS : UL60950, CAN/CSA22.2 No.60950, TUV(IEC60950)
- ◎ MEET EN-61000-3-2 CLASS D (ACTIVE PFC)
- ◎ REMOTE ON/OFF CONTROL : When PS-ON is pulled to TTL Low, the DC output is to be enabled, When PS-OFF is pulled to TTL high, the DC output is to be disabled.
- ◎ COOLING : By forced air 2 x 80 mm Fan
- ◎ DIMENSION : L220 X W150 X H86 mm