

SPECIFICATION

PIN ASSIGNMENT

	DESCRIPTION	1	2	3	4	5	6	CONNECTOR TYPE
CN1	INPUT	LINE	NEUTRAL					Echo, AC-M09PG41
CN2	OUTPUT	+12V	COM	COM	+5V			Long Chu, P601
Wires	OUTPUT	White, 32V	Black, COM	Brown, 3.3V	Black, COM	Red, 5V	Black, COM	#22 AWG with Molex 08-70-0106 crimp terminal
		7	8	9	10			
		Yellow, 12V	Black, COM	Brown, 3.3V	Black, COM			

Cable assembly Housing is Molex P/N: 39-01-2105, type 5557 and its mating connector is Molex P/N: 15-06-0105 with 39-00-0041 pins or equivalent. AC Power Cord for CN1 is Schurter P/N: CS.02.0221.150 or equivalent.

MODEL	OUTPUT VOLTAGE	LOAD			TOLERANCE +/-	RIPPLE & NOISE	REGULATION	
		MIN.	FULL	PEAK			LOAD	LINE
600-614T	V1: +3.3V	1.0A	4.0A	---	3.00%	50mV	3.00%	1.00%
UPS61-1004-T	V2: +5V	0.5A	2.0A	---	3.00%	50mV	3.00%	1.00%
SPWR-00001-	V3: +12V	0.25A	3.0A	5.0A	10.00%	150mV	10.00%	2.00%
000	V4: +32V	0.0A	5.0mA	---	5.00%	50mV	5.00%	2.00%

Peak current lasting less than 15 seconds with duty cycle less than 5%. Total continuous wattage must not exceed 61W.

AC input: 85-264VAC, 1.4A/0.8A, 47-63Hz

DC output: Adjust V2 to 4.95 ~ 5.05 V @75 % load

VOLTAGE	V-MAX	V-MIN
V1: +3.3V	+3.5V	+3.3V
V2: +5V	+5.05V	+4.95V
V3: +12V	+12.6V	+11.4V
V4: +32V	+34.0V	+32.0V

All outputs must be between V-MAX and V-MIN

V-MAX of V3 can rise to 15.0V at 0 A output.

Temperature coefficient: 0.02%/°C, All outputs

Temperature range: Operation : 0 to 50 °C at rated output power.
derates linearly to 50% power at 70°C

Storage : -40°C to 85°C

Switching

frequency: 70KHz

@ NOTE :

- All voltage are measured on output terminal .
- Load regulation are measured from 25% to 100% of rated load on each output.
- Ripple and noise are measured using a 12" twist pair wire terminated with a 47 uF Capacitor.

EMI :

Meets F.C.C 15 -B and CISPR 22-B

Efficiency:

70%(min)

Hold-up Time:

16mS (min) at 115VAC and full load,

Overvoltage

V1 output: from 3.71V to 4.54V

protection:

causes crowbar, automatic recovery

Overload

All outputs protected through short circuit

protection:

conditions except 32V, automatic recovery.

In-rush surge

current:

20A Pk/120 VAC, 40A Pk/230 VAC (MAX)

Fusing:

3A, Slow-blow fuse

Burn-in condition:

Full load @ 45 +/- 5°C

MTBF:

100,000 Hours min.

Safety approval:

CSA C22.2 NO.950 (NRTL/C)

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CONFIDENTIAL



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