

- AC input range selected by switch
- With +5VSB:0 ~ 2.0A max.
- Power good signal output
- Power fail signal output
- Power ON-OFF switch
- Approvals: TUV / UL / CSA / CB / CE / FCC
- Forced air cooling by built-in DC fan
- 100% full load burn-in test
- 1 year warranty

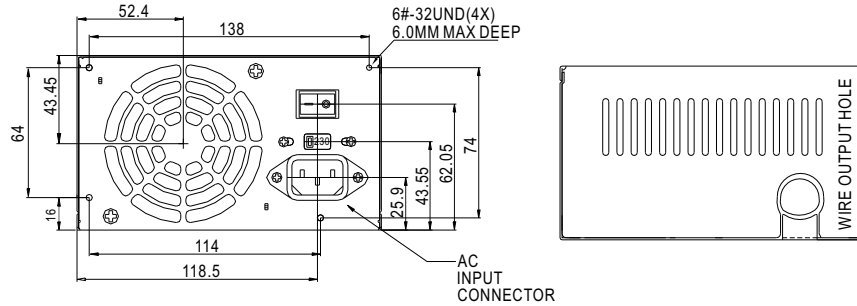


### SPECIFICATION

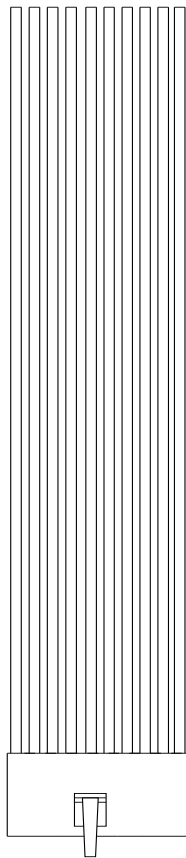
MODEL	CH1	CH2	CH3	CH4	CH5	STANDBY	
OUTPUT	DC VOLTAGE	3.3V	5V	12V	-5V	-12V	5VSB
	MINIMUM CURRENT	4.0A	5.0A	2.6A	0.1A	0.1A	0A
	NORMAL CURRENT	15A	20A	13A	0.3A	0.8A	2.0A
	MAXIMUM CURRENT	28A	30A	15A	0.3A	0.8A	2.0A
	COMBINE LOAD	+3.3V, +5V 210W max.					
		+3.3V, +5V, +12V 330W max.					
	RATED POWER (max.)	350W continue maximum					
	RIPPLE & NOISE (max.) Note.2	50mVp-p	100mVp-p	120mVp-p	50mVp-p	150mVp-p	100mVp-p
	LINE REGULATION	±1%	±1%	±1%	±2%	±2%	±1%
LOAD REGULATION Note.3	±5%	±5%	±5%	±10%	±10%	±5%	
HOLD UP TIME	8ms min. at full load						
INPUT	VOLTAGE RANGE	100 ~ 132VAC / 200 ~ 264VAC selected by switch					
	FREQUENCY RANGE	47~63Hz					
	EFFICIENCY (Typ.)	70% at full load and nominal input voltage					
	AC CURRENT	8.0A RMS max. FOR 115VAC and 4.5 RMS max. For 230VAC					
	INRUSH CURRENT (max.)	40A for 115VAC, 80A for 230VAC at COLD START					
	LEAKAGE CURRENT	<3.5mA / 240VAC					
PROTECTION	OVER VOLTAGE	+3.3V, +5V, +12V >120%					
	OVER CURRENT	>150% of rated power , shutdown, Reset : Re-power on					
	SHORT CIRCUIT	All output equipped with short circuit					
FUNCTION	POWER GOOD SIGNAL	The TTL compatible signal out with 100ms to 500ms delay after power set up					
	POWER FAIL SIGNAL	The TTL compatible signal will go down at least 1ms before +5V below 4.75V					
	PS-ON INPUT SIGNAL	Power on: PS-ON = "HI" or ">2V" ; Power off: PS-ON = "Low" or "<0.8V"					
ENVIRONMENT	WORKING TEMP., HUMIDITY	-10~+35°C @100% LOAD, 20~90% RH non-condensing					
	STORAGE TEMP., HUMIDITY	-20~+85°C, 10~95% RH					
	TEMP. COEFFICIENT	±0.05% / °C (0~50°C)					
	VIBRATION	10~200Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes					
SAFETY & EMC	SAFETY STANDARDS	UL1950 , CSA 22.2-950, TUV EN60950 Approved					
	EMI CONDUCTION & RADIATION	Compliance to EN55022 (CISPR22) Class B, FCC part 15 class B					
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3, Class A					
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11 Light industry level, criteria A					
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC , I/P-FG:1.5KVAC for 1min.					
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG: 50M Ohms @ 500VDC					
OTHERS	COOLING	Forced Air Ventilation by 8cm DC fan					
	CONNECTOR	ATX main power connector * 1ea; +12V power connector * 1ea; Auxiliary power connector * 1ea Peripheral power connector * 5 ea; Floppy drive power connector * 2 ea					
	DIMENSION	150*140*86mm (L*W*H)					
	PACKING	1.1kg / piece; 12pcs / 16kg / CARTON					
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf &amp; 47uf parallel capacitor.</p> <p>3. Load regulation is measured from 20% to 100% max. load.</p>						

## Mechanical Specification

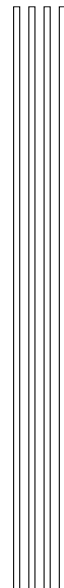
Unit: mm



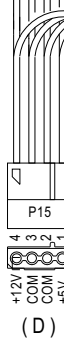
WIRE OUTPUT OF CASE



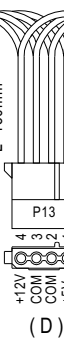
L=300mm ± 20mm



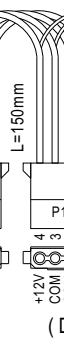
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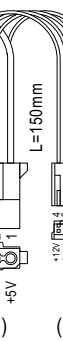
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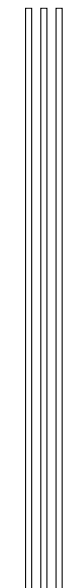
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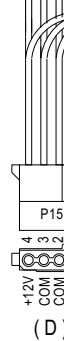
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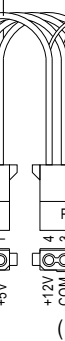
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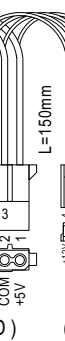
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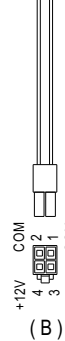
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(E)



L=300mm ± 20mm



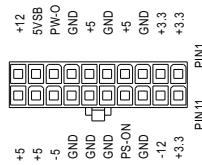
(B)



L=300mm ± 20mm



(C)



(A)

(A) ATX main power connector  
Type: MOLEX 39-01-2200 or equivalent

(B) +12V power connector  
Type: MOLEX 39-01-2040 or equivalent

(C) Auxiliary power connector  
Type: MOLEX 90331-0010 or equivalent

(D) Peripheral connector  
Type: MOLEX 8981-04P or equivalent

(E) Floppy drive connector  
Type: AMP 171822-4 or equivalent