



60W Triple Output Switching Power Supply

T-60 series

Features:

High efficiency, high reliability

Universal AC input /full range

Protections: Short circuit/ Over load/ Over voltage

Cooling by free air convection

LED indicator for power on

Fixed switching frequency at 50KHz

1 year warranty

SPECIFICATIONS

OUTPUT												
Model	T-60A			T-60B			T-60C			T-60D		
Output number	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3	CH1	CH2	CH3
DC Voltage	5V	12V	-5V	5V	12V	-12V	5V	15v	-15V	5V	12V	24V
Rated Current	5A	2.5A	0.5A	5A	2.5A	0.5A	5A	2A	0.5A	5A	2A	0.5A
Current Range	0.5-7 A	0.2-3.5A	0-1A	0.5-7 A	0.2-3.5A	0-1A	0.5-7 A	0.2-3 A	0-1A	0-5A	0-2A	0-0.5A
Rated Power	57.5 W	57.5 W	57.5 W	61W	61W	61W	62.5 W	62.5 W	62.5 W	61W	61W	61W
Ripple & Noise	100m Vp-p	100m Vp-p	100m Vp-p	100m Vp-p	100m Vp-p	100m Vp-p	100m Vp-p	100m Vp-p	100m Vp-p	100m Vp-p	100m Vp-p	100m Vp-p
Voltage Adj. Range	CH1: -5%, +10%			CH1: -5%, +10%			CH1: -5%, +10%			CH1: -5%, +10%		
Voltage Tolerance	±2%	±6%	±6%	±2%	±6%	±6%	±2%	±6%	±6%	±2%	±6%	±6%
Setup, Rise, Hold Up Time	300ms,50ms,10ms/230VAC						800ms,50ms,10ms/115VAC at full load					
INPUT												
Voltage Range	85~264VAC 47-63Hz; 120~370VDC											
AC Current	2A/115V 1A/230V											
Efficiency	72%											
Inrush Current	Cold start 30A/115V 60A/230V											
Leakage Current	<3.5mA/240VAC											



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PROTECTION	
Over Load	105%~150% Protection type: Shut down o/p voltage, recovers automatically after fault condition is removed
Over Voltage	115%~135% Protection type: Hiccup mode, recovers automatically after fault condition is removed
ENVIRONMENT	
Working Temp., Humidity	-10℃~+60℃; 20%~90%RH
Storage Temp., Humidity	-20℃~+85℃; 10%~95%RH
Vibration	10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes
SAFETY	
Withstand Voltage	I/P-O/P: 3KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC
Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100M Ohms/500VDC
STANDARD	
Safety Standard	Design refer to UL1012, UL60950, TUVEN60950
EMC Standard	Design refer to EN55022, EN61000-3-2, -3, EN61000-4-2, 3, 4, 5, 6, 8, 11; ENV50204, EN55024
OTHERS	
Dimension	159*97*38mm(L*W*H)
Weight	0.55Kg
Packing	24pcs/14.1Kg/0.75CUFT
NOTE	



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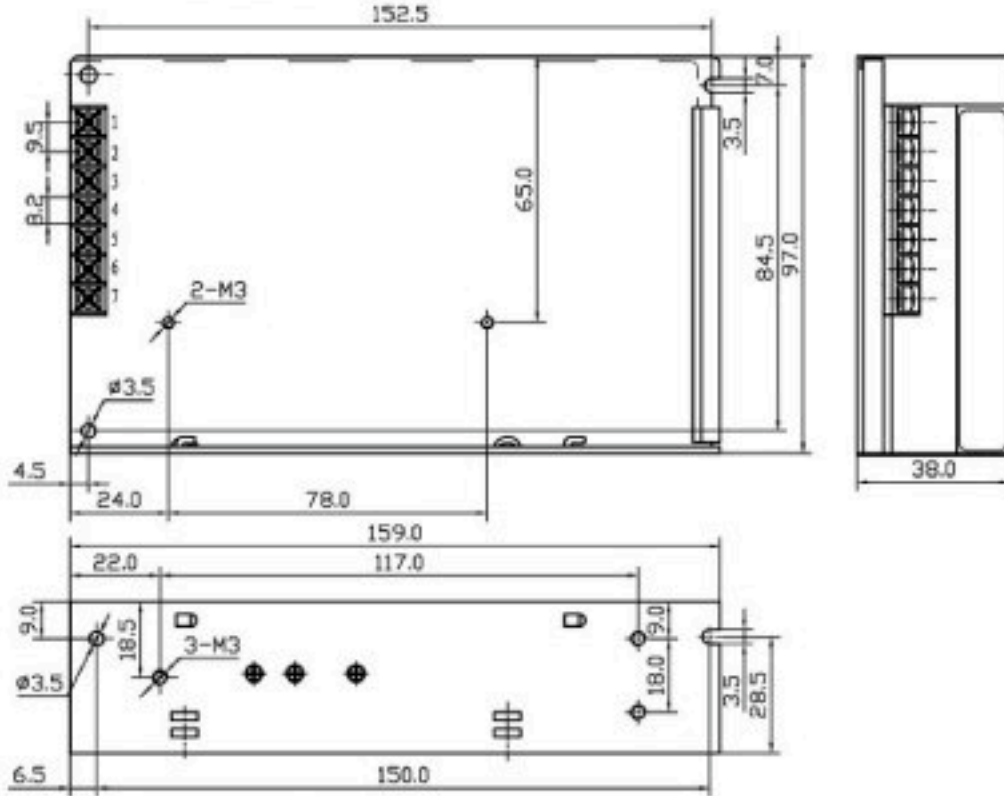
1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ & 47 μ parallel capacitor.
3. Tolerance: includes set up tolerance, line regulation and load regulation.
4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.



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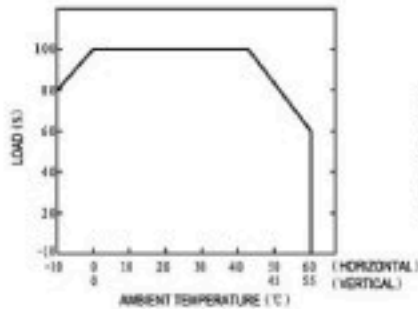
■ Outline and Dimension:



Terminal Pin No. Assignment:

Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT -E	7	DC OUTPUT +R1
2	AC/N	5	DC OUTPUT +R2		
3	PE	6	DC OUTPUT -OR		

■ Derating Curve



■ Static Characteristics (B)

