



**60 Watt Triple Output
AC/DC Open Frame
Series DVC60T**



Features

- Universal Input: 90 – 264Vac
- 2" x 4" Size
- Short Circuit Protection
- Industry Standard Pin Out
- Efficiency to 83% Typical
- Industry-Standard Pin Out
- Meets EN55032 Class B & CISPR/FCC Class B
- IEC/EN/UL62368-1 Approved

MODEL NUMBER	OUTPUT VOLTAGE [VDC]	OUTPUT CURRENT MIN. [A]	OUTPUT CURRENT RATED [A]	OUTPUT CURRENT MAX. [A]	RIPPLE [mVp-p]	VOLTAGE ACCUR. [%]	LINE REG. [%]	LOAD REG. [%]	POWER MAX. [W]	EFF. Typ. [%]
DVC60T051212	5V(V1)	0	4,0	5,0	50	±2	±1	±4	62	83
	12V(V2)	0	3,0	3,7	120	±5	±1	±3		
	-12V(V3)	0	0,5	0,65	120	±5	±1	±5		
DVC60T051515	5V(V1)	0	4,0	5,0	50	±2	±1	±4	62	83
	15V(V2)	0	2,5	3,1	150	±4	±1	±3		
	-15V(V3)	0	0,3	0,5	150	±5	±1	±5		
DVC60T052412	5V(V1)	0	4,0	5,0	50	±2	±1	±4	62	83
	24V(V2)	0	1,5	1,8	240	±3	±1	±3		
	-12V(V3)	0	0,5	0,6	120	±5	±1	±5		
DVC60T3,30512	3,3V(V1)	0	6,0	7,5	50	±4	±1	±5	40,8	78
	5V(V2)	0	3,0	3,7	50	±5	±1	±4		
	-12V(V3)	0	0,5	0,65	120	±5	±2	±5		

Technische Änderungen vorbehalten / Specifications are subject to change without notice

INPUT CHARACTERISTICS:

Input Voltage Range.....90-264Vac
 Input Frequency.....47 to 63Hz
 Inrush Current (cold start @25°C)50A max. @240Vac
 Leakage Current.....3,5mA max.

OUTPUT CHARACTERISTICS:

Hold-up Time 8mS Typ @ 115Vac
 Short Circuit ProtectionHiccup Mode (Auto Recover)
 Over Voltage Protection 6V/7V on V1(3,3V/5V)
 15V/18V/28V on V2(12V/15V/24V)
 Temperature Coefficient±0,05%/°C

GENERAL SPECIFICATIONS:

Isolation Voltage (Input/Output) 4242Vdc
 Operating Temperature Range0°C to +60°C
 Storage Temperature Range-20°C to +85°C
 Deratingsee curve
 Humidity93% RH max. non condensing
 Cooling..... Free Air Convection
 Switching Frequency......65KHz typ.
 MTBF (MIL-HDBK-217F, GB, 25°C/115Vac 200Khrs min.
 Altitude..... 2000m

MECHANICAL SPECIFICATIONS:

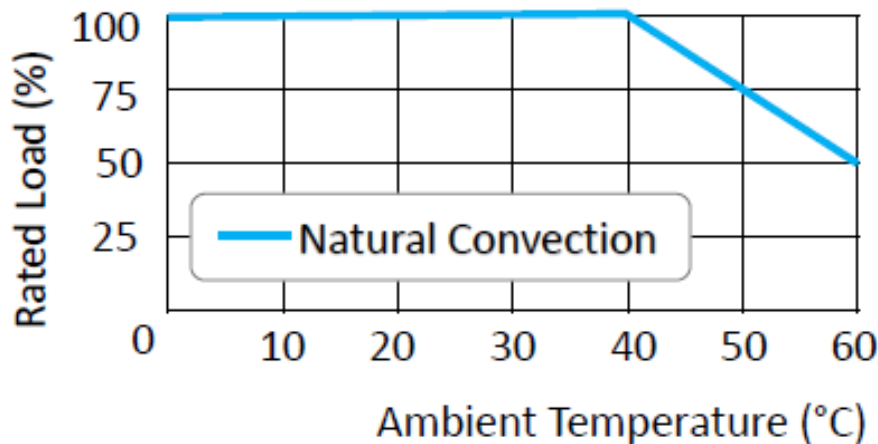
DimensionsDVC60T Open frame:..... 101,6 x 50,8 x 32(mm)
 4.000x2.000x1.260 (Inches)
 Weight.....DVC60T Open frame:..... 170g typ.

SAFETY & EMC:

Emission & Immunity.....EN55032 Class B, FCC Part 15 Class B
 EN61000-3-2, EN61000-3-3, EN55024
 Safety..... IEC/EN/UL62368-1, IEC/EN/UL60950-1

- NOTE:
1. Voltage accuracy is set of 60% rated load.
 2. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
 3. Line regulation is measured from 103Vac~127Vac & 207Vac~253Vac with rated load.
 4. Load regulation is defined by changing ±40% of measured output load from 60% rated load at other outputs set to 60% rated load.
 5. Input connector mates with Molex housing 09-50-3031 and Molex 2878 series crimp terminal.
 6. Output connector mates with Molex housing 09-50-3061 and Molex 2878 series crimp terminal.
 7. Typical at 25°C, nominal line and 75% load, unless otherwise specified.

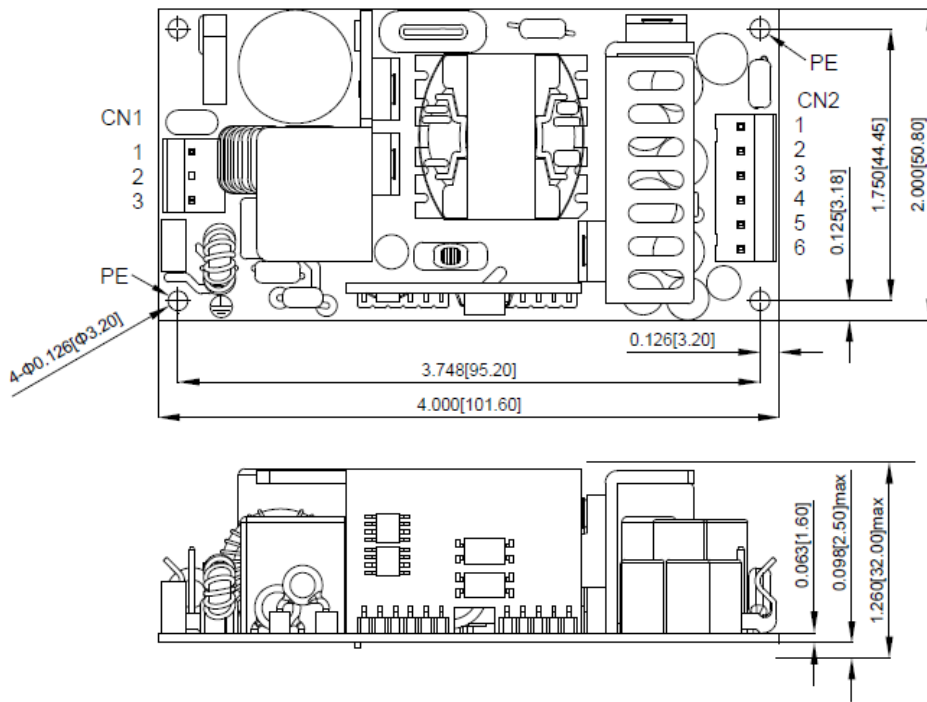
Derating Curve



MECHANICAL SPECIFICATION

Series DVC60T

All Dimensions are in Inches (mm)
 Tolerances: x.xxx±0.02(x.xx±0.5) unless otherwise noted



CN1:

PIN CONNECTION	
Pin	Function
1	Neutral
2	Not Fitted
3	Line

CN2:

PIN CONNECTION	
Pin	Function
1	V2
2	V1
3	V1
4	GND
5	GND
6	V3