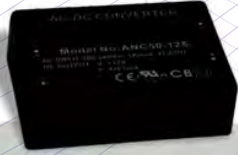


(M) AC-DC ITE Power Module

50 Watt

eANC50 Series



- ◆ Power Module for PCB Mountable
- ◆ Universal Input: 90-264 VAC, 4 7-63 Hz
- ◆ Regulated Output and Low Ripple and Noise
- ◆ Isolation Class 11
- ◆ CE, CB, UL Approvals
- ◆ 3-Year Warranty

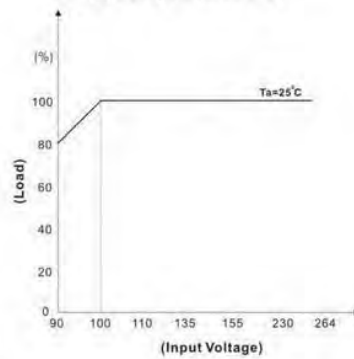
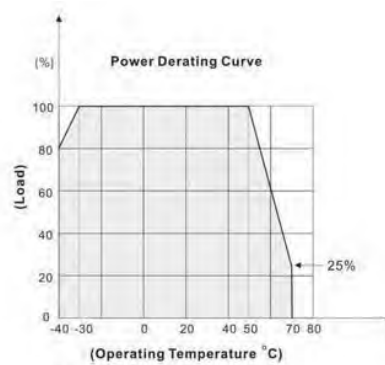
Input Specifications	
Voltage Range	90 ~ 264 VAC or 120~370 VDC
Frequency	47~63Hz
Output Specifications	
Output Power	50W att (max.)
Voltage Accuracy	±2% (Full Load and Nominal Vin)
Minimum Load	0% (at Full Load)
Line Regulation	±1% (LL to HL at Full Load) (typ.)
Load Regulation	±1% (0% to 100% at Full Load) (typ.)
Ripple Noise	15S: 150mV (Vp-p) (max.)
(20MHz bandwidth)	24S: 2400mV (Vp-p) (max.)
	48S: 480S: 150mV (Vp-p) (max.)
Temperature Coefficient	±5% / °C (max.)
Short Circuit Protection	Hiccup mode, indefinite (Automatic recovery)
General Specifications	
Efficiency (see table list)	86% to 90% (typ.)
Voltage Accuracy	65K Hz (typ.)
Isolation Voltage	3000 VAC (min.)
Isolation Resistance	10 ⁹ Ω (Input to Output) (min.)
Operating Temperature	-40°C to +70°C (With Derating)
Storage Temperature	-40°C to +85°C
Humidity	95% RH (max.)
Cooling	Free-air Convection
Physical Specifications	
Dimension	74.1 x 54.1 x 21.8 mm
(Tolerance ±0.5 mm)	2.91 x 2.13 x 0.86 inches
Weight	166 g
Case Material	Plastic resin (flammability to UL 94V-0)

Model

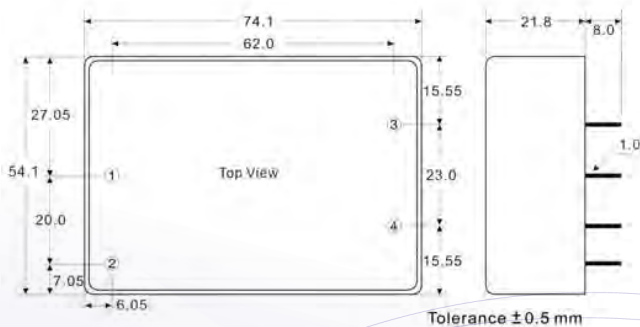
► eANC50 Single Output

Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.	Eff (%)
eANC50-5S	90~264	5	8000	86
eANC50-12S	90~264	12	4167	90
eANC50-15S	90~264	15	3333	87
eANC50-24S	90~264	24	2083	88
eANC50-48S	90~264	48	1040	89

Derating



Outline Dimensions & Pin Connections



- Pin # Single
- 1 AC IN (N)
 - 2 AC IN (L)
 - 3 - DC OUT
 - 4 +DC OUT