

NEW

Preliminary

300 Watt

eABR300E Series



- ◆ Enclosed Package
- ◆ Universal Input: 90-264 VAC, 50/60 Hz (47-63 Hz)
- ◆ Full Brick Size with Base Plate
- ◆ Over Current Protection
- ◆ Over Voltage Protection
- ◆ Over Temperature Protection
- ◆ Short Circuit Protection
- ◆ Remote Sense
- ◆ CE, UL Approvals
- ◆ 3-Year Warranty

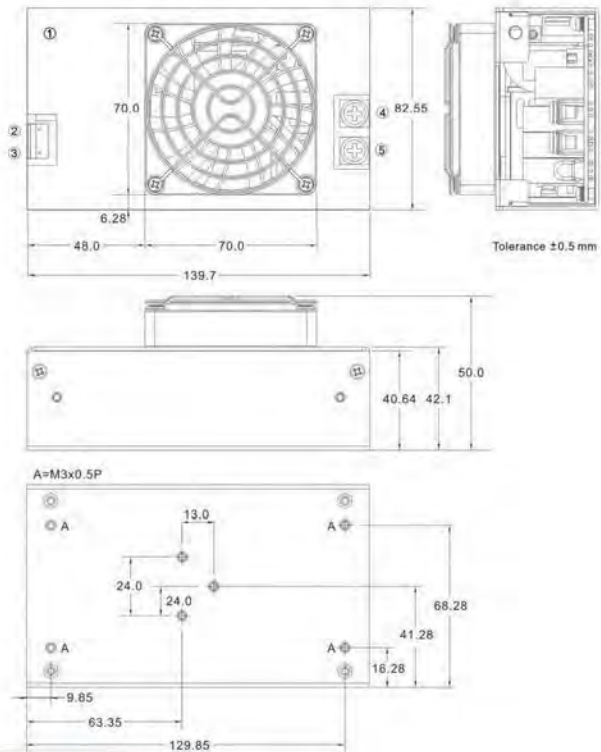
Input Specifications	
Voltage Range	90 ~ 264 VAC
Frequency	50/60 Hz (47-63 Hz)
Output Specifications	
Output Power	300 Watt
Voltage Accuracy	±2% (Full Load and Nominal Vin)
Minimum Load	0% (at Full Load)
Line Regulation	±1% (LL to HL at Full Load) (typ.)
Load Regulation	±1% (5% to 100% at Full Load) (typ.)
Ripple & Noise (20MHz bandwidth)	12S: 200mV (Vp-p) (max.) 24S: 240mV (Vp-p) (max.) 28S: 280mV (Vp-p) (max.) 28S: 480mV (Vp-p) (max.)
Temperature Coefficient	± 0.05% / °C (0-50°C)
Short Circuit Protection	Auto recovery, Hiccup mode
General Specifications	
Efficiency (see table list)	90% to 91% (typ.)
Isolation Voltage	3000 VAC (min.)
Isolation Resistance	10 ⁹ Ω (Input to Output) (min.)
Operating Temperature	-40 °C to +100°C (On Aluminum Base Plate)
Storage Temperature	-40°C to +100°C
Humidity	20~95% RH (Non condensing) (max.)
Cooling	Free-air Convection
Physical Specifications	
Dimension (Tolerance ±0.5 mm)	139.7 x 82.55 x 50 mm 5.5 x 3.25 x 1.97 inches
Weight	In Progress

Model

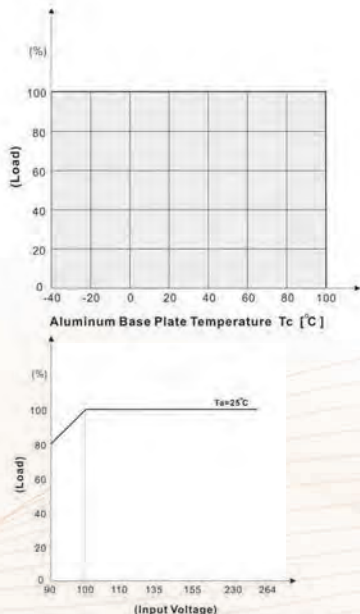
► eABR300E Single Output

Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (mA) max.	Eff (%)
eABR300E-12S	90~264	12	25	89
eABR300E-24S	90~264	24	12.5	89
eABR300E-28S	90~264	28	11	89.5
eABR300E-48S	90~264	48	6.25	80

Outline Dimensions & Pin Connections



Derating



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