

NEW Preliminary

300 Watt

eABR300U Series



- ◆ U Bracket Package
- ◆ Universal Input: 90-264 VAC, 50/60 Hz (47-63 Hz)
- ◆ Full Brick Size with Base Plate
- ◆ 200 Watt with Free Air Convection
- ◆ 300 Watt with 1 OCFM FAN
- ◆ Over Current Protection
- ◆ Over Voltage Protection
- ◆ Over Temperature Protection
- ◆ Short Circuit Protection
- ◆ Remote Sense
- ◆ CE, UL Approvals
- ◆ 3-Year Warranty

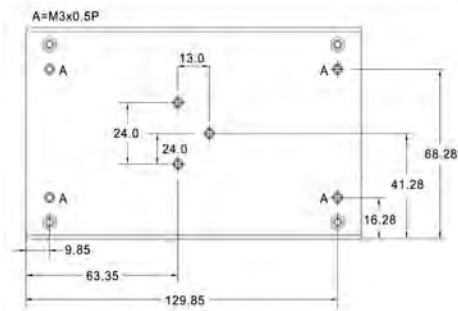
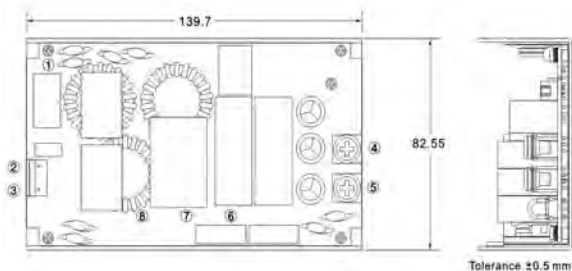
Input Specifications	
Voltage Range	90 - 264VAC
Frequency	50/60 Hz (47-63 Hz)
Output Specifications	
Output Power	Convection :200 Watt 10CFM FAN: 300 Watt (max.)
Voltage Accuracy	±2% (Full Load and Nominal Vin)
Minimum Load	0% (at Full Load)
Line Regulation	±1% (LL to HL at Full Load) (typ.)
Load Regulation	±1% (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 ⁸ 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

►► eABR300U Single Output

Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.		Eff (%)
			Convection	10CFM FAN	
eABR300U-12S	90~264	12	16.67	25	90
eABR300U-24S	90~264	24	8.83	12.5	90
eABR300U-28S	90~264	28	7.14	11	90.5
eABR300U-48S	90~264	48	4.17	6.25	91

Outline Dimensions & Pin Connections



- Pin #
- 1 FG
 - 2 AC IN (N)
 - 3 AC IN (L)
 - 4 -DC OUT
 - 5 +DC OUT
 - 6 -BC
 - 7 +BC
 - 8 R

Derating

