

EA1030 Series

30W AC-DC Single Output Desktop Power Supply



Case No: 8037HB

98 x 45 x 31 mm

Features

- CEC Compliance
- RoHS compliance
- IEC320 C14 (3 PIN)
- Over voltage and short circuit protection
- Protection Type: Auto recovery



Specification

INPUT	Voltage	90~264VAC universal full range					
	Frequency	47 ----- 63 Hz					
	Current	<1.0A@115VAC; 0.5A@230VAC input, full load					
	Inrush Current	<20A@115V , <40A@230V AC input, Cold start at 25°C ambient					
OUTPUT	MODEL No.	EA10301A-5	EA10301B-9	EA10301B-12	EA10301C-15	EA10301C-18	EA10301D-24
	Voltage	5V	9V	12V	15V	18V	24V
	Rated Current	3.5A	3A	2.5A	2A	1.66A	1.25A
	Line Regulation	± 1%					
	Load Regulation	± 5%					
	Ripple Noise MAX.	100mV	180mV	240mV	250mV	285mV	350mV
	Efficiency (TYP.)	77.57%	82.96%	83.63%	83.63%	83.6%	83.63%
	Power	17.5W	27W	30W	30W	30W	30W
PROTECTION	Over Voltage	Auto-recovery					
	Short Circuit	When the power supply is over 105%~ 150% max load or short circuited it will go into hiccup mode and recover automatically after the fault is removed.					
ENVIRONMENT	Temperature	Operating: -0 ~ +40°C; Storage: -20 ~ +85°C					
	Humidity	Operating: 5% ~ 95% RH					
SAFETY	Safety Standard	UL60950-1; TUV EN60950-1; IEC60950-1 Approved					
OTHER	Cooling	Natural cooling					
	M.T.B.F.	30K hrs min. MIL-HDBK-217F (°C)					

1 Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminates with a 0.1uf & 47uf parallel capacitor

2 Line regulation is defined by changing ±10% of input voltage from nominal line at rated load

3 Max output power (W) ≥Vo x Io

Dimensions

