

# **SPECIFICATION**

□ □ ITEM : 12V1A Adapter DEP121000

## **Switching Power Supply Specifications**

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#### **1□□□□SCOPE□**

##### **□□□□ DEP-12 □□□□□□**

The purpose of the document is to specify the functional requirements of a 12W switching power supply.

#### **2□□□□□□INPUT CHARACTERISTICS□**

##### **2.1 □□□□(Input Voltage):**

□□□□(Nominal Voltage):100-240Vac

##### **2.2 □□□□□Input Frequency□:**

□□□□□Nominal Frequency□:50/60Hz

##### **2.3 □□□□(Input Current):**

□□□□□□□□□□□□□,□□□□□□□□□□□□□□□ 1.2A□

1.2Arms max At any input voltage and rated, DC output rated load.

## 2.4 Inrush Current:

35A at 240Vac 30A at

30Amps Max. Cold start at 240Vac input, with rated load and 35°C ambient.

## 2.5 AC Leakage Current:

0.25mA at 240Vac

0. 25mA Max At 240Vac input.

# 3 OUTPUT CHARACTERISTICS

## 3.1 Power Output:

Voltage	Min. Load	Max. Load	Peak	Output Power
+12.0Vdc	0.18A	1A	1.5A	12W

## 3.2 Combined Load/Line Regulation:

Voltage	Min. Voltage	Max. Voltage	Line Regulation	Load Regulation
+12.0Vdc	11.5V	12.5V	±3%	±8%

## 3.3 Efficiency:

100Vac 80%, 80% at

80% Min. At 100Vac input and output Max. Load.

240Vac 85%, 85% at

85% Min. At 240Vac input and output Max. Load.

# 4 ENVIRONMENTAL REQUIREMENT:

## 4.1 Operating Temperature:

-20°C~40°C, 0°C, 50°C (Full load Normal operation)

-20°C to 40°C, Full load Normal operation.

## 4.2 Storage Temperature:-20°C to 85°C, 0°C (With package).

## 4.3 Relative Humidity:

5% (0°C) ~ 90% (40°C), 72Hrs, 0°C, 50°C

5% (0°C) ~ 90% (40°C) RH, 72Hrs, Full load Normal operating.

## 4.4 Dropping(Packed):

1m, 1m, 1m

1 corner, 3 edges, and 6 surfaces

76cm Height:76cm

**6□□□□□(MECHANICAL REQUIREMENT)□**



6.2 □□□ (Input Connector):

NO

6.3;□□□

DC □: 1.2M