

DC12V 1A Power Adapter

Input Voltage

Nominal Voltage: 100-240Vac

Variation Range: 90-264Vac

Output Voltage

Nominal Frequency: 50/60Hz

Variation Frequency: 47-63Hz

Input Currency

0.5Arms max At any input voltage and rated, DC output rated load.

Inrush Current

15Amps Max. Cold start at 240Vac input, with rated load and 25°C ambient.

Ac Leakage Current

0.25mA Max At 240Vac input.

Power Output

Voltage (+12Vdc)

Min. Load(0A)

Max. Load (1A)

Peak (2.5A)

Output Power (12W)

Combined Load/Line Regulation

Voltage (+12Vdc)

Min. Load (12.0V)

Max. Load (12.4V)

Line Regulation ($\pm 3\%$)

Load Regulation ($\pm 5\%$)

Ripple And Noise

The ripple and noise are as follows when measure with Max. Bandwidth of 20MHz and Parallel 47uF/0.1uF,crossed connected at testing point.

Voltage: +12.0Vdc

Ripple And Noise(Max.): 200mVp-p

Turn On Delay Time

2 second Max. At 115Vac input and output Max. Load.

Rise Time

40mS Max. At 115Vac input and output Max. Load.

Hold Up Time

5mS Min. At 115Vac input and output Max. Load.

Efficiency

80% 100Vac input and output Max. Load.

85% 240Vac input and output Max. Load.

Overshoot

15%Max.When power supply at turn on or turn off

Operating Temperature

Full load Normal operation: 0°C ~ -40°C

Storage Temperature

-20°C to 85°C, With package

Relative Humidity

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