Vi0014

12VDC Power Adapter

Features

- Universal AC input / Full range100 ~ 240VAC
- High efficiency and low operation temperature
- Soft-start current can reduce the AC input impact efficiency
- Provides Short circuit, Overload, Over voltage protection
- Fully enclosed plastic case
- Compact size, light weight
- 100% full-load burning test
- Installed with EMI filter
- 1 year warranty



Applications

- CCTV equipment
- Networking Equipment
- Powering transmission equipment

Vigitron's Vi0014 is a highly reliable, 36W single-output 12VDC power adapter that meets the power requirements of analog and IP CCTV products. This product is equipped with a 2-pin Standard AC power plug that can accept AC input 100VAC to 240VAC.

It provides over Voltage Protection, Short Circuit Protection, and Over Current Protection to protect powered devices when any of these conditions occur. The Vi0014 intelligent system will evaluate fault conditions and once no longer present will return power to normal operations.







Technical Specification

Electrical

Input Voltage Universal 100~240 VAC @ 47~63 Hz
Inrush Current 50A maximum @ any input range

Cold start 25°C @ full load

Output Voltage Voltage +12VDC +/- 5% @ 3A

Output Power 36W

Ripple/Noise 120mV @ full load with 20 mHz bandwidth

Output Striped Wired

Average Efficiency >=81% @ 115 VAC and max load

Protection Over voltage protection (OVP)
Over current protection (OCP)

Short circuit protection (SCP)

Automatic recovery after fault is removed

Regulatory

FCC, CE

UL (under ZF120A-1203000 part number)

EMS Immunity EMC Directive 2004/108/EC, (EN55022 / EN55024)

Environmental

Humidity 20% ~ 80% RH

Temperature Operating: 0°C to +60°C (32°F to +140°F)

Storage: -20°C to +80°C (-4°F to +176°F)

Relative Storage 10% ~ 90%

Cooling Natural air, no fan required

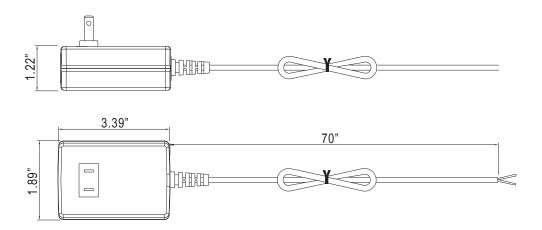
Input

Current 3A maximum @ 115/230 input range

Mechanical

Dimensions Case: 3.39 x 1.89 x 1.22 in., 86 x 48 x 31 mm (LxWxH)

Weight 0.375 lbs. (170g)
Cable Length 70 in., 1778mm





Ordering Information

Description

12VDC Power Adapter

Part No.

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