
Vi0014

12VDC Power Adapter

Features

- Universal AC input / Full range 100 ~ 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

Vigatron'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

Ordering Information

Part No.	Description
Vi0014	12VDC Power Adapter

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
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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

