



VN-RHO566F-4CH

Switching Power Supply



Series Overview

This four-channel switching supply provides selectable DC output levels for connected security equipment. Overcurrent, overvoltage and short-circuit protection support the power outputs. Wall mounting, V-0 flame-retardant construction, Level VI efficiency and FCC certification are stated for this model.

Technical Specification

Input Voltage	100 VAC–240 VAC
Output Voltage	Normal: 12 VDC Long: 13.5 VDC Ex-Long: 15 VDC
Rated Output Current	Normal: 2.5 A Long: 2.25 A Ex-Long: 2 A
Rated Power	Output power: 12 W (for one channel) Total power: 30 W
Power Consumption In Idle	≤0.1 W
Efficiency	≥86.95%

Port

Input Port	2-core female seat C8, with North American standard cable
Output Plug	4 channel output terminal

Protection

Types of Protection	Overcurrent protection, short circuit protection and overvoltage protection
Surge Protection Grade	Common mode: ±4 kV Differential mode: ±2 kV

Features:

- Four DC output channels power multiple security devices simultaneously.
- Three selectable output-voltage levels accommodate different installation requirements.
- Supports wall mounting for installation
- Electrical protection covers overcurrent, overvoltage and short circuits.
- Surge protection: common mode ±4 kV; differential mode ±2 kV.
- V-0 flame-retardant rating.
- FCC certification.
- Efficiency classification: Level VI.

ESD Protection	Air discharge: ±8 kV Contact discharge: ±6 kV
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Structure

Installation	Wall mount
Product Dimensions	140.1 mm × 94.5 mm × 34.2 mm (5.52" × 3.72" × 1.35") (L × W × H)
Appearance Color	Gray
Net Weight	0.23 kg (0.51 lb)
Gross Weight	0.31 kg (0.68 lb)
Packaging Dimensions	143 mm × 41 mm × 144 mm (5.63" × 1.61" × 5.67") (L × W × H)
Input Cable Length	1000 mm (39.37")

Environment

Operating Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Operating Humidity	10%–90% (RH)
Storage Temperature	–40 °C to +80 °C (–40 °F to +176 °F)
Storage Humidity	5%–95% (RH)

Certifications

Certifications	FCC
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Dimensions (mm[inch])

mm [inch]

