

24 VDC, 3 A Power Adapter

For Dahua PoE Switch



- Supports 100 VAC to 240 VAC Wide-range Voltage Input
- 24 VDC, 3 A Power Output
- CE, UL, EAC, RCM Certification
- Compatible with VTNS1060A Network Power Supply and VTNC3000A Two-wire Network Controller

Technical Specification

Power Input

Input Voltage, Nominal	100 VAC to 240 VAC, 50/60 Hz
Input Voltage Range	90 VAC to 264 VAC, 47 /63 Hz
Input Current	≤ 1.5 A-rms at 100 to 240 VAC at full load
Efficiency	> 88%, Expressions: ≥ 0.88 (Vout > 6V)
Inrush Current (Cold Start)	Input fuse operational under cold start at 115/230 Vrms
Leakage Current	3.5 mA, maximum (264 V, 50 Hz)

Certifications

Safety	IEC 60950-1:2005+A1+A2 AS/NZS 60950.1:2011 Inc A1 GMA-501915-EA
Electromagnetic Compatibility (EMC)	FCC CFR 47 Part 15 subpart B ANSI C63.4 - 2009 EN 55022:2010, EN 55024:2010+A1:2015, EN 55032:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, IEC 61000-4-2:2008,

Technical Specification

Power Output

Output Voltage, Nominal	24 VDC
Output Voltage Adjust Range	22.8 to 25.20 VDC
Line Regulation	± 2%
Residual Ripple (PAR) 20 MHz BW	300 mVpp (Input Voltage: 115 V to 230 V)
Output Current	3 A, maximum
Rise Time	10% to 90%, ≤ 50 ms at 100 V to 240 V Input/Output, maximum load
Hold-up Time	10 ms, typical, at 115 VAC Input 20 ms, typical, at 230 VAC Input
Dynamic Load Response	
Condition	Load step from 20% to 80% to 20% R/S: 0.10 A/μs
Transient Response Recovery Time	≤ 30 ms
Result	±5%, Dynamic Voltage

Environmental

Operating Temperature	0° C to 40° C (32° f to 104° F)
Operating Humidity	10% to 90% RH