

YN48W 48W Power Adapter, Horizontal Desktop Three-Form Interchangeable Plug with Multi-Country Options, Suitable for Monitors, All-in-One PCs, and Security Applications

YN48W

Product Overview

Specifications

Parameter	Specification
Model	YN48W
Input Voltage	AC 100-240V 1.5A
Output Voltage	9-24VDC Adjustable
Output Current	0.01-5A
Maximum Power	48W
Form Factor	Desktop / Interchangeable Head / Desk-Top (Three Form Factors)
DC Connector Type	Optional (Multiple Specifications)
Plug Standard	Multi-Country Plugs (Interchangeable)
Certifications	UL, CE, FCC, KC, PSE, SAA, RoHS
Application Areas	Monitors, All-in-One PCs, Security Surveillance, LED Lighting, Industrial Control, etc.

Product Features

- **Three Form Factors for Flexible Adaptation** : Supports three installation forms: desktop, interchangeable head, and desk-top. It can be freely switched based on equipment layout and space requirements, meeting scenarios such as monitor wall-mounting, desktop placement, or embedded installation.
- **Interchangeable Multi-Country Plug** : Comes with a standard interchangeable plug covering major global standards such as UL (USA), CE (EU), KC (Korea), PSE (Japan), SAA (Australia), etc. No additional adapters are needed for travel or exported equipment.
- **Wide Voltage Adjustable Output** : Output is adjustable from 9-24VDC, with a current range of 0.01-5A and a maximum power of 48W. Precisely match the voltage requirements of different devices via a knob or jumper, compatible with monitors, all-in-one PCs, security cameras, etc.
- **Universal Wide Voltage Input** : Supports AC 100-240V wide voltage input, automatically adapting to various national power grids without manual switching, ensuring stable operation in environments with voltage fluctuations.
- **Multiple Safety Protections** : Built-in over-voltage, over-current, short-circuit, and over-temperature protection mechanisms. Certified by international authorities such as UL, CE, FCC, KC, PSE, SAA, ensuring equipment and personal safety.
- **Optional DC Connector with High Compatibility** : Offers various DC connector specifications (e.g., 5.5×2.5mm, 5.5×2.1mm), compatible with power interfaces of different brand devices, reducing conversion losses.

Applications

• Consumer Electronics

Smartphones, tablets, laptops, game consoles, etc., for PD fast charging and conventional charging, supporting PD3.0/QC4+/PPS full protocols.

• Medical Equipment Power Supply

Patient monitors, ventilators, portable medical devices, with ultra-low leakage current, certified to IEC EN60601 medical grade.

• Industrial Control & LED Lighting

Industrial switches, industrial PCs, LED displays, security surveillance, with a wide adjustable voltage range of 9-58VDC, adapting to harsh grid environments.

• Network Communication & IoT

Routers, switches, fiber optic terminals, IoT gateways, providing high-reliability uninterrupted power supply, certified by UL/CE/FCC.

Certifications

CB	3C	CQC	UL	FCC	CE	GS	UKCA
SAA	RCM	PSE	KC	KCC	NOM	BIS	BSMI

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