

Medical-Grade 48W Power Adapter YN48MED, Wide 9-30V Output, IEC EN60601 Certified, High-Reliability Medical Equipment Power Supply

Medical-Grade

Product Overview

Specifications

Parameter	Specification
Output Voltage	9-30VDC (Wide Adjustable Range)
Output Current	0.01-5A (Flexibly Adjustable)
Maximum Power	48W
Certification Standards	IEC EN60601, UL, CE, FCC, RoHS
Application Fields	Medical imaging equipment, patient monitors, and other medical electronic devices

Product Features

- Medical Grade Safety Certification : Certified to IEC EN60601 and other international medical standards, ensuring electrical isolation and patient safety in critical medical applications, meeting high reliability requirements.
- Wide Voltage Output : Supports 9-30VDC adjustable output, adaptable to various medical device power needs, allowing flexible adjustment without replacing the adapter.
- High Reliability Design : Optimized for continuous operation environments, using high-quality components and heat dissipation structures to ensure long-term stable power supply and reduce equipment failure risk.
- Universal Input : AC 100-240V wide voltage input, compatible with global grid standards, facilitating cross-border use of medical equipment.
- Flexible Current Adjustment : Output current adjustable from 0.01-5A, precisely matching different device loads, improving energy efficiency and extending device lifespan.
- Compact and Efficient Structure : Maintains a small form factor at 48W maximum power, easy to integrate into medical equipment, saving space.

Applications

• Consumer Electronics

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

• Medical Equipment Power Supply

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

• Industrial Control & LED Lighting

Industrial switches, industrial PCs, LED displays, security surveillance, wide voltage 9-58VDC adjustable, adaptable to harsh grid environments.

• Network Communication & IoT

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

Certifications

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