

YN160W 160W Desktop Power Adapter, Wide Input Voltage 9-58V/12.5A High Current Industrial Grade

YN160W

Product Overview

Specifications

Parameter	Specification
Input Voltage	AC 100-240V 2.5A
Output Voltage	9-58VDC
Output Current	0.01-12.5A
Maximum Power	160W
Product Form Factor	Desktop
Application Fields	Industrial equipment power supply, LED lighting power supply, communication base station power supply
Certifications	UL, CE, FCC, KC, PSE, SAA, RoHS

Product Features

- **Wide Voltage Output** : Supports 9-58VDC wide-range adjustable output, compatible with industrial equipment requiring various voltages, eliminating the need for frequent power supply changes.
- **High Current & High Power** : Maximum 12.5A current output, power up to 160W, easily drives high-load equipment such as industrial motors and high-power LED light arrays.
- **Desktop Heat Dissipation Design** : Utilizes a desktop-sized large casing with optimized heat dissipation airflow channels, ensuring stable temperature during prolonged high-load operation and extending service life.
- **Flexible DC Connector Options** : Offers a variety of optional DC interface specifications to adapt to power interfaces of different brand devices, enhancing versatility and installation convenience.
- **Multiple Safety Certifications** : Passes international certifications including UL, CE, FCC, KC, PSE, SAA, and RoHS, ensuring electrical safety and environmental compliance, suitable for the global market.

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 range 9-58VDC adjustable, adaptable to harsh grid environments.

• Network Communication & IoT

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

Certifications

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