

# YN100W 100W Desktop Power Adapter, Wide Input 9-58V/8A High Current Industrial Grade Adapter

YN100W

## Product Overview

## Specifications

| Parameter         | Specification                                                      |
|-------------------|--------------------------------------------------------------------|
| Output Voltage    | 9-58VDC (Adjustable)                                               |
| Output Current    | 0.01-8A (Max 8A)                                                   |
| Maximum Power     | 100W                                                               |
| Design            | Desktop, Compact Structure                                         |
| Application Areas | Portable Energy Storage, LED Displays, Industrial Automation, etc. |
| Certifications    | UL, CE, FCC, KC, PSE, SAA, RoHS                                    |

## Product Features

- **Wide Voltage Output** : Supports 9-58VDC adjustable output, flexibly adapting to industrial equipment with different voltage requirements, reducing inventory costs for multiple models.
- **High Current 8A Output** : Maximum 8A current output, easily handles high-power load scenarios such as LED screen power supply or industrial motor drives.
- **Desktop Efficient Heat Dissipation** : Compact desktop design with built-in heat dissipation structure, ensuring long-term stable operation, suitable for 24/7 continuous work.
- **Selectable DC Tip Design** : Supports interchangeable DC connectors, compatible with various device interfaces, enhancing cross-device adaptability.
- **Universal Worldwide Voltage** : Input 100-240V wide voltage range, covering global grid standards, suitable for export or mobile applications.
- **Multiple Safety Certifications** : Certified with UL, CE, FCC, KC, PSE, SAA, and RoHS, ensuring electrical safety and environmental compliance.

## 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, 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, adapting 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 |