

# AC to DC Switching Power Supply 180V-250V

This AC to DC switching power supply converts AC voltage from 180V-250V to DC voltage. It is designed for automation fields such as LED screens, engineering control equipment, and communication equipment.



## ADDITIONAL IMAGES



## Overview

### High-Performance Switching Power Supply

This switching power supply is engineered for high-performance automation and industrial applications. It supports a wide range of input voltages and provides a stable, reliable DC output suitable for LED large screens, engineering control equipment, and precision instrumentation. Designed to meet international safety standards, this unit ensures durability and consistent performance in demanding environments.

## Input Specifications

|                  |  |
|------------------|--|
| AC Input Voltage | 85~132VAC or 170~264VAC (selectable range) |
| Input Frequency  | 63 Hz                                      |

## Output Performance

|                           |                       |
|---------------------------|-----------------------|
| Output Stability          | 0.5% typical value    |
| Ripple and Noise          | 1% peak value (<20mV) |
| Output Voltage Adjustment | ±10%~15%              |

## Efficiency & Metrics

### Efficiency by Wattage

|                               |                               |                                |                                |
|-------------------------------|-------------------------------|--------------------------------|--------------------------------|
| <b>71 %</b><br>25W Efficiency | <b>75 %</b><br>50W Efficiency | <b>79 %</b><br>100W Efficiency | <b>81 %</b><br>200W Efficiency |
|-------------------------------|-------------------------------|--------------------------------|--------------------------------|

## Safety & Protection

### Compliance Standards

- IEC 950
- UC1950
- UL1012
- TUVEN60950
- EMC
- LVD

### Protection Features

Short-circuit protection, Over-load protection, Over-voltage protection

## Applications

### Suitable Applications

LED Large Screens • Engineering Control • Communication Equipment • Instruments & Meters