

IEC 62368-1 Safety Standard Certified
Flex Form Factor Power Supply



AP-MFATX80P868

Features

- W/12V-2x6 Cable for ATX3.1 and support PCIe 5.0
- IEC 62368-1 Safety Standard Certified
- 80 Plus Platinum certified
- Low Ripple & Noise
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection
- Smart Fan Speed Control
- Dual Fan Design



Description

The AP-MFATX80P868 is a high-performance Flex form factor switching power supply, delivering up to 800 watts of reliable power. Designed with an advanced active Power Factor Correction (PFC) circuit and high-load electrical components, it provides efficient and stable power distribution. Meeting the stringent 80 Plus Platinum efficiency standard, the AP-MFATX80P868 is ideal for demanding industrial applications. Certified to the latest UL 62368-1 safety standard, this power supply ensures superior safety, durability, and compliance with modern regulatory requirements.

Electrical Specifications

Input Voltage	Current Status	DC Outputs				
		+3.3V	+5V	+12V	-12V	+5Vsb
110~240Vac 8.8~4A, 60~50Hz	Max Current	18A	18A	64A	0.5A	2.5A
	Min Current	0A	0A	0.5A	0A	0A
	Combined Max Power	120W		768W	6W	12.5W
	Total Max Power	800W				

Physical Specification

Environment

- Working temperature: 0°C to 55°C
- Storage temperature: -40°C to + 70°C
- Working humidity: 5% to 90% RH non-condensing
- Storage humidity: 5% to 95% RH non-condensing

-MTBF

250,000 hours of continuous operation
at 55°C, 100% output load

-Applications

Storage System , Workstation, Industry Controller

Dimension 150 x 81.50 x 40.3 (mm)

L x W x H 5.91 x 3.21 x 1.59 (inch)

Weight 2.25 lbs / 1.02kg

Efficiency



Certified Standard



Mechanical Specifications

