Product Manual

Product Features:

1. Wide input voltage range (AC 170–260 V), suitable for a variety of power supply environments
2. Output voltage supports 24 V DC with ±2 V fine-tuning capability to accommodate devices requiring specific voltages
3. Output power of 350 W, supporting stable operation of high-performance equipment
4. Thermal protection: Fan activates at temperatures above 50°C and output stops at temperatures above 90°C
5. Wide range of applications, including industrial automation, scientific research equipment, LED lighting, and consumer electronics

Product Introduction:

The switching power supply module features a wide-voltage design, with an AC input range of 170–260 V to accommodate various power environments. It delivers a stable DC output of 24 V (adjustable within ±2 V) and supports a maximum power of 350 W at 15 A, meeting the demands of diverse applications such as industrial automation, scientific research equipment, and LED lighting. It features a built-in intelligent temperature control system that automatically activates the cooling fan at 50°C and shuts down the unit for protection at 90°C. Combined with multiple protection mechanisms—including overvoltage, overcurrent, short-circuit, and overload protection—it ensures safe and stable operation of the equipment around the clock.

Product Specifications:

Product Name: Switching Power Supply Module
Input Voltage: AC 170–260 V
Output Voltage: DC 24 V
Output Current: 15 A
AC Frequency: 50 Hz/60 Hz
Output Power: 350W
Protection Features: Overvoltage, Overcurrent, Short Circuit, Overload
Applications: Industrial Automation / Research Equipment / LED Lighting / Air Purification
Note: The output power is measured with the fan running; otherwise, the power transistor may overheat, triggering thermal protection and causing the unit to stop outputting power.

Product List:

Power Module *1