

Switching-Mode Power Supply

A switching-mode power supply (SMPS), also known as a switched-mode power supply or switching converter, is a type of high-frequency power conversion device and a category of power supply unit. Its function is to convert a voltage at a certain level, through different topological architectures, into the voltage or current required by the user's equipment. The input of an SMPS is often an AC power source (such as mains electricity) or a DC power source, while the output is typically used for devices requiring DC power. It is widely applied in fields such as industrial automation control, communication equipment, audio-visual products, and security and surveillance systems.



■ PRODUCT FEATURES

1. Energy-efficient
2. Sturdy and durable
3. Compact design and intelligent heat dissipation
4. Comprehensive protection and high reliability

■ PRODUCT SPECIFICATIONS

Product Series: LRS

Input Voltage: 220VAC

Output Voltage: 12V/24/36/48VDC

Output Power: 15/25/35/50/60/75/100/120/150W

Transfer Efficiency: >87%

Protection Methods: Overvoltage, overload, over-temperature and short circuit protection

Operating Temperature: -30°C to +70°C

■ APPLICATIONS

1. Industrial automation machinery
2. Control system
3. Electromechanical device
4. Electronic instrument