

## Power Supply St 12V 10A PS1210

ST-Standard PS1210 Power Supply – 12V 10A (120W)  
Heavy-Duty AC to DC Adapter with Full Electrical Protection

### 1. Product Overview

The ST-Standard PS1210 12V 10A (120W) Power Supply is a heavy-duty AC to DC adapter engineered to provide powerful, stable, and regulated output for high-demand 12V DC systems.

Designed for professional surveillance, LED installations, and networking environments, the unit incorporates advanced multi-layer protection circuits to ensure operational safety, long-term durability, and continuous performance.

With universal input voltage compatibility (100–240V AC, 50/60Hz), the PS1210 is suitable for residential, commercial, and institutional projects.

### 2. Key Functional Features

- Regulated Output Voltage: 12V DC
- Output Current: 10A
- Rated Output Power: 120W
- Universal Input Voltage: 100–240V AC
- Input Frequency: 50/60Hz
- Over-Voltage Protection (OVP)
- Over-Current Protection (OCP)
- Short-Circuit Protection (SCP)
- Surge Protection System
- Built-in LED Power Indicator
- High Efficiency & Stable Output Regulation
- Designed for Continuous Operation
- 2-Year Replacement Warranty
- 5-Year Maintenance Warranty

### 3. Technical Specifications

#### Electrical Specifications

Parameter	Specification
Model	PS1210
Input Voltage	100–240V AC
Input Frequency	50/60Hz
Output Voltage	12V DC
Output Current	10A
Rated Power	120W
Output Type	Stabilized Regulated Output
Protection System	OVP / OCP / SCP / Surge

#### 4. Protection System Details

Protection Type	Function
Over-Voltage	Prevents voltage spikes
Over-Current	Protects from overload damage
Short-Circuit	Automatic shutdown for safety
Surge Protection	Guards against power instability

#### 5. Recommended Applications

- CCTV Cameras & DVR Systems
- Large LED Strip Installations
- Routers & Networking Equipment
- High-Power 12V DC Devices
- Commercial & Government Security Projects

#### 6. Installation Environment

Environment	Suitability
Indoor Installation	Recommended
Outdoor Use	With Protective Enclosure

#### 7. Warranty & After-Sales Support

Coverage Type	Duration
Replacement	2 Years
Maintenance	5 Years

All units undergo factory quality control testing before shipment to ensure compliance with safety and performance standards.

