

Power Supply St 12V 5A PS125

ST-Standard PS125 Power Supply – 12V 5A (20W)
AC to DC Adapter with Full Protection System

1. Product Overview

The ST-Standard PS125 Power Supply (12V 5A – 20W) is a high-performance AC to DC adapter engineered to deliver stable and secure power for CCTV systems, LED installations, routers, and other 12V DC equipment.

Designed with advanced multi-layer protection technology, it ensures safe, continuous, and long-term operation even under demanding electrical conditions.

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

2. Key Functional Features

- Output Voltage: 12V DC
- Output Current: 5A
- Output Power: 20W
- Input Voltage: 100–240V AC
- Frequency: 50/60Hz
- Over-Voltage Protection (OVP)
- Over-Current Protection (OCP)
- Short-Circuit Protection (SCP)
- Surge Protection
- Built-in LED Power Indicator
- Stable & Efficient Performance
- Designed for Continuous Operation
- 2-Year Replacement Warranty
- 5-Year Maintenance Warranty

3. Technical Specifications

Electrical Specifications

Item	Specification
Model	PS125
Input Voltage	100–240V AC
Input Frequency	50/60Hz
Output Voltage	12V DC
Output Current	5A
Output Power	20W
Efficiency	High Efficiency Design
Protection Type	OVP / OCP / SCP / Surge Protection

Protection System

Protection Type	Function
Over-Voltage	Prevents voltage spikes
Over-Current	Protects from overload
Short-Circuit	Automatic shutdown protection
Surge Protection	Guards against power fluctuations

4. Application Areas

- CCTV & DVR Systems
- LED Strips & Lighting Systems
- Routers & Networking Equipment
- 12V DC Electronic Devices
- Security & Surveillance Projects
- Government & Institutional Installations

5. Installation Environment

Environment	Suitability
Indoor Use	Yes
Outdoor Use	Indoor Installation Recommended

6. Warranty & After-Sales Support

Warranty Type	Coverage
Replacement	2 Years
Maintenance	5 Years

All units are factory-tested and comply with safety and performance standards.

