

### Sony 12V 3A Power Adapter with Single Jack (5.5×2.5mm) – Detailed Product Description

The **Sony 12V 3A Power Adapter with Single Jack (5.5×2.5mm)** is a high-quality, reliable, and durable power supply solution designed to meet the power needs of various electronic devices. Engineered with Sony's advanced technology and commitment to excellence, this adapter ensures stable output, long-lasting performance, and maximum safety. Whether you are replacing your original adapter or looking for a dependable power source for your electronics, this Sony 12V 3A adapter is built to deliver exceptional results.

This adapter offers a **12-volt DC output with a maximum current of 3 amps**, making it perfectly suited for devices that require a stable and consistent power supply. Many home and office devices rely on 12V 3A adapters, including routers, LED strips, CCTV cameras, portable monitors, audio equipment, and more. With its universal **5.5×2.5mm barrel connector**, the adapter fits a wide range of devices that support this jack size, ensuring wide compatibility without the need for modifications.

[caption id="attachment\_109092" align="aligncenter" width="300"]

SONY Adapter 12V 3A with Single Jack

(5.5×2.5mm)[/caption]

### Premium Build Quality

Sony is known for manufacturing reliable and durable electronic products, and this adapter is no exception. Built with high-grade materials, it features a solid exterior casing designed to withstand daily wear and protect internal components. The outer body is resistant to heat, minor impacts, and environmental stress, ensuring a longer lifespan compared to generic adapters.

The cable is made with thick, flexible, and fire-resistant material, providing excellent durability and reduced risk of cable breakage. The strong and stable connector ensures a secure, snug fit in the device's DC port, preventing loose connections and power interruptions.

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### Stable and Efficient Power Delivery

For any electronic device, consistent power is essential. The Sony 12V 3A Adapter is engineered with **smart voltage regulation technology**, providing a steady 12-volt output without fluctuations. This helps protect your devices from potential damage caused by unstable voltage or power spikes.

Additionally, its **3A current capacity** ensures that power-hungry devices receive the required energy without overloading the adapter. The result is smoother performance, better device longevity, and reduced chances of overheating.

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### Advanced Safety Features

Safety is a top priority for Sony products. This adapter includes multiple built-in protections:

- **Over-Voltage Protection (OVP)**  
Prevents excessive voltage from reaching your device.
- **Over-Current Protection (OCP)**  
Stops the flow of excess current that may cause heat or device damage.
- **Short-Circuit Protection (SCP)**  
Automatically cuts power if a short circuit is detected.
- **Over-Temperature Protection (OTP)**  
Prevents overheating by adjusting output or shutting down when needed.

These smart safety mechanisms ensure that both the adapter and your connected devices remain safe during operation.

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### Wide Compatibility

The 5.5×2.5mm DC jack is one of the most commonly used power connectors for small and medium-sized electronic devices. This Sony adapter is compatible with:

- LED light strips
- CCTV cameras & DVR systems
- Wi-Fi routers & modems
- External hard drive enclosures
- Audio equipment & speakers
- Portable DVD players
- Monitors and mini TVs
- Various Sony and other brand gadgets

Before use, ensure your device requires **12V DC** and **up to 3A current**, with a matching 5.5×2.5mm connector.

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### Energy Efficient and Eco-Friendly

Sony's power adapters are designed with energy efficiency in mind. This model consumes less power on standby, reduces energy waste, and supports long-term sustainability. The optimized power conversion system minimizes heat generation, allowing the adapter to run cooler and last longer.

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### **Lightweight & Portable Design**

Despite its robust build, the adapter remains compact and lightweight. It's easy to carry, store, or include inside travel cases, making it perfect for both home and professional use.

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### **Key Features at a Glance**

- Output: **12V DC, 3A**
- Connector Size: **5.5mm × 2.5mm**
- Highly durable casing and cable
- Over-voltage, over-current, and short-circuit protections
- Stable and efficient power delivery
- Compatible with multiple electronic devices
- Reliable Sony quality with long-lasting performance