

SONOFF POWR316D Lite 16A Smart Wi-Fi Power Meter Switch

The **SONOFF POWR316D Lite 16A Smart Wi-Fi Power Meter Switch** is an advanced smart device designed for homeowners, businesses, and industrial users seeking precise power control and monitoring. Combining **Wi-Fi connectivity**, **16A load capacity**, and **real-time energy metering**, this switch allows you to manage, automate, and monitor your electrical appliances with ease. With the convenience of app control and voice command integration, the POWR316D Lite ensures a smarter, safer, and more energy-efficient home or workspace.

Smart Power Control and Monitoring

The POWR316D Lite goes beyond a standard smart switch. It provides **real-time power monitoring**, allowing you to track electricity consumption of connected devices. Through the **eWeLink app**, users can access voltage, current, and total energy usage. This data helps in **optimizing energy consumption**, identifying energy-hungry appliances, and reducing electricity costs.

Whether you are managing heaters, pumps, air conditioners, or lighting systems, the POWR316D Lite ensures **full visibility and control** over your power usage.

High Load Capacity

Equipped with a **16A relay**, the POWR316D Lite is capable of handling high-power devices safely. It supports **AC input 100-240V**, making it suitable for a wide range of appliances, including:

- Water heaters
- Air conditioners
- Fans and pumps
- Heating systems
- High-power industrial devices

The robust design guarantees **stable and reliable performance**, even under continuous heavy loads, making it ideal for both residential and commercial applications.

Remote App Control

With Wi-Fi connectivity, the POWR316D Lite allows **remote control from anywhere** using the eWeLink app. You can:

- Turn appliances on or off remotely
- Monitor real-time power data
- Set schedules or timers for automated operations
- Create smart scenes linking multiple devices for coordinated automation

This level of control ensures your devices operate efficiently, even when you're away from home. For example, you can schedule your water heater to turn on just before you wake up, or automatically switch off lights after leaving the house.

Voice Control

The POWR316D Lite integrates seamlessly with **Amazon Alexa and Google Assistant**, enabling **hands-free operation**. You can control connected appliances with simple voice commands, such as:

- “Alexa, turn off the water heater.”
- “Hey Google, switch on the fan.”

This feature adds convenience and accessibility, making everyday tasks simpler while enhancing your smart home experience.

Energy Efficiency and Automation

By combining **power metering with smart automation**, the POWR316D Lite helps users save on electricity bills and reduce energy waste. You can create **custom rules** to automatically turn off appliances when not needed, or activate devices based on power consumption patterns. This ensures a **more sustainable and cost-effective home or workplace**.

Easy Installation

The POWR316D Lite is designed for **DIN rail mounting**, which provides a clean, organized, and professional installation. It fits neatly in electrical panels, making wiring simple and ensuring easy access for maintenance or upgrades. This makes the switch suitable for **residential, commercial, and industrial applications** where professional-grade installation is preferred.

Key Features

- **16A Load Capacity** – Safe operation for high-power devices
- **Real-Time Power Monitoring** – Track voltage, current, and energy usage
- **Wi-Fi Remote Control** – Manage appliances via eWeLink app from anywhere
- **Voice Control** – Compatible with Alexa and Google Assistant
- **Custom Scenes and Automation** – Schedule and automate devices for efficiency
- **DIN Rail Installation** – Professional, clean, and secure setup

- **AC 100-240V Input** – Supports a wide range of appliances

Ideal Applications

The SONOFF POWR316D Lite is perfect for:

- **Smart Homes** – Control heaters, pumps, air conditioners, and lighting systems
- **Greenhouses** – Automate fans, water pumps, and grow lights
- **Offices and Commercial Spaces** – Manage HVAC systems, lighting, and equipment
- **Industrial Applications** – Safe control and monitoring of high-power machinery

Conclusion

The **SONOFF POWR316D Lite 16A Smart Wi-Fi Power Meter Switch** is a reliable, versatile, and intelligent solution for anyone looking to combine smart control with energy monitoring. Its **16A load capacity**, Wi-Fi connectivity, real-time power tracking, app control, voice integration, and DIN rail installation make it an essential device for smart homes, commercial buildings, and industrial setups.

With the POWR316D Lite, you gain **full control over your power usage**, improve energy efficiency, and enjoy the convenience of managing your appliances anytime, anywhere. Upgrade

your home or business with the **SONOFF POWR316D Lite** and experience the next level of smart energy management.