

DS-PR531-3A Bus Power Supply Unit (3A)



- AUX Power Output: 1 AUX power output with a 3A capacity, ensuring sufficient power for auxiliary devices.
- Siren Control Output: Dedicated siren output with a 3A capacity, providing reliable control for alarm systems.
- Bus Extender Support: Compatible with bus extenders, facilitating expanded connectivity and system integration.
- Expander Slots: Includes support for expander slots, allowing for system scalability and additional functionality.
- Battery Backup: Equipped with a 7Ah standby rechargeable lead-acid battery, ensuring continuous power during outages.
- Robust and Reliable: Designed for consistent performance, providing stable power distribution for all connected devices.

**The Bus Power Supply Unit is an advanced solution designed to provide reliable power distribution for AX HYBRID PRO alarm system. The unit includes a dedicated siren control output, allowing seamless integration with alarm systems. With a robust 3A capacity, it ensures consistent power delivery to auxiliary devices and sirens, supporting enhanced system performance and reliability. Ideal for various installation scenarios, this unit also supports bus extenders and expander slots, making it versatile and scalable for both small and large security installations. Additionally, it is equipped with a 7Ah standby rechargeable lead-acid battery to maintain uninterrupted power during outages, ensuring continuous protection for your premises.*

▪ Specification

Communication	
Transmission technology	2-way encrypted communication, half-duplex, asynchronous, support bus-extender
Hardware features	
Tamper-Proof	Front and Rear
Power output	1 AUX power output, and 1 siren power output
Electrical characteristics	
Mains power	~ 100-240V 50/60Hz, 1.4 A typ. @115 VAC, 0.85 A typ. @ 230 VAC
Power supply	Total capacity 15V=5A (0.5 A dedicated to battery)
Battery type	12V Sealed Lead Acid rechargeable battery up to 7Ah (not supplied)
Battery life span	Up to 12 hrs (when mains lost)
Power consumption	Quiescent current: 150 mA (when on battery without external load)
Output current	3A each with eFuse protection, 4A total with eFuse protection
Output voltage	14.5V= nominal, 10.7-15V=, with ripple 120 mV(VPP)
General	
Dimension (W×H×D)	360 mm × 260 mm × 96.3 mm
Weight	1500 g
Operation temperature	-10°C to 40°C (14°F to 104°F)
Operation humidity	10% ~ 90% noncondensing
Device management	
Sounder output	1 siren output with a 3A capacity, supporting independent bell and strobe control, and tamper input.

▪ Available Model

DS-PR531-3A

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