ASEC 12VDC 1A Encapsulated Switch Mode Power Supply

Asec · Asec · 1 variant

PRICING

From £34.61 ex VAT

£41.53 inc VAT

1 variant available
VAT 20.00%

Product Imagery



Specification Summary

Brand	Asec
Product type	Asec

Product Description

The Asec 12VDC 1A Encapsulated Switch Mode Power Supply (Manufacturer Reference: AS9877 / VRS-121000EBC) is a highly reliable power converter designed to change an AC input to a stable 12V DC output. Thanks to its encapsulated design, this compact unit offers excellent durability and protection, making it an ideal choice for low-maintenance installations where reducing ongoing operational costs is a priority.

This power supply is engineered with built-in input protection to safeguard your connected devices from potential electrical faults. It is fully compliant with the EN60950 safety standard, ensuring peace of mind and reliable performance. For straightforward, hassle-free installation, the unit comes complete with a pre-fitted mains plug and a standard 2.1mm DC socket, providing a convenient plug-and-play solution for access control accessories and other low-voltage security equipment.

Technical Specifications

- **Input Voltage:** 100V - 253V AC (50 Hz)
- **Output Voltage:** 12V DC
- **Output Current:** 1 Amp

- **Output Ripple:** < 100mV peak to peak
- **Width:** 55mm
- **Depth:** 25mm
- **Weight:** 500g
- **Finish:** Black
- **Safety Compliance:** EN60950
- **Manufacturer Reference:** AS9877 (VRS-121000EBC)

Key Features

- **Efficient Power Conversion:** Converts standard AC mains input to a reliable 12V DC output.
- **Plug-and-Play Setup:** Supplied complete with a mains plug and a 2.1mm DC socket for quick installation.
- **Input Protection:** Built-in protection on the input safeguards connected devices.
- **High Reliability:** Designed for long-term durability to minimise maintenance and operational costs.
- **Encapsulated Design:** Compact, protective housing ensures safe and reliable operation.

Variant Specifications And Pricing

Image	Part Number	Ex VAT	Inc VAT	Attributes / Specs
	AS9877	£34.61	£41.53	**Barcode:** 5055120686769 **Brand:** Asec **Depth:** 25mm **Finish:** Black **Input Voltage:** 100V - 253V AC 50 Hz **Manufacturer Reference:** AS9877 **Output Current:** 1 Amp **Output Ripple:** < 100m V peak to peak **Output Voltage:** 12V DC **Pack Quantity:** 1 **Packaging:** Boxed **Weight:** 500g **Width:** 55mm

Brand Profile

Asec



ASEC is a **trade-focused security hardware brand** built around the “everyday kit” locksmiths and installers reach for, with a big emphasis on **breadth, availability, and value** rather than boutique-only spec pieces. The brand was **established in 2003** and was created specifically to **support independent retailers and security professionals** with products that *“would never become available through the large multiple retailers.”*

Where ASEC gets especially interesting (and why it tends to become a “default stock brand”) is the **scale of the range**:

- ASEC positions itself as having a portfolio of **2,000+ individual products**, described as one of the **largest ranges under a single security brand name** in the industry.
- Coverage is intentionally broad across the core trade categories: **Access Control, Architectural Hardware, Key Cutting, Locking Products, UPVC, Tools & Accessories**.

ASEC is **exclusive to Aldridge Security** (whom we distribute) in the UK trade ecosystem (Aldridge explicitly calls itself the **exclusive distributor of ASEC Security Products worldwide**). That exclusivity is a big part of the brand’s identity: it keeps the range aimed at the trade channel rather than getting diluted into mass retail.