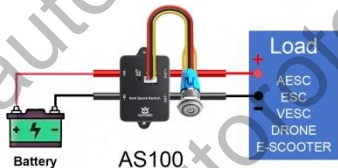




Autoro Anti Spark Switch User Manual

Model # AS100

This electronic switch is designed for high-power DC systems (up to 84V/100A). It prevents arcs (electrical sparks) generated during power-on/off transitions through a built-in power-on delay mechanism, protecting battery packs, connectors, and downstream electrical equipment from spark-induced damage and oxidation, significantly extending lifespan of electronic devices. This switch supports control via either a slide switch or the included Autoro S16 Switch, ensuring flexible and reliable power operation.



Max Input Voltage :
20S Battery Pack (84V DC)

Max Input Current :
Continuous 100A, Peak 200A

Recommended Wire Gauge:
10 AWG or stronger for 100A

Welcome to send email if any problem.

Support email: Autoro.service@hotmail.com

Website: <https://www.autorotech.com>

Two Operating Modes (Set by Slide Switch):

1. ON Mode:

- A. Slide switch to ON.
- B. Anti-spark function: Output delays briefly (~tens of ms) after power-on to prevent sparks.
- C. Current flows continuously once engaged.

Important Notes:

- Avoid unplugging/replugging power within 30s (risk of sparks).
- Autoro S16 Switch control is disabled.

2. Controlled Mode:

- A. Slide switch to OFF.
- B. With Autoro S16 Switch installed:
 - C. Press and lock → Circuit ON (LED on).
 - D. Press again to release → Circuit OFF (LED off).
- E. Without Autoro S16 Switch: Input/output stay disconnected.

Warnings:

- ⚠ High-voltage DC hazard – Disconnect power before installation/maintenance.
- If LED stays off, check input polarity and Autoro S16 Switch connection.