AUTOMATIC & ESS SYSTEMS

A10S

Unmanned Automated EV Fire Suppression System

ELEKTIGER · Stage 05 — Automatic suppression



OVERVIEW

Ceiling-mounted system that deploys an immersion tank and fire blanket automatically.

Installed on the ceiling of indoor parking lots, the A10S automatically suppresses fires caused by electric vehicles and can be remotely controlled to prevent fire spread. When heat and smoke are detected, the connected sprinkler sprays water onto the vehicle while the immersion tank and fire blanket deploy automatically, blocking oxygen, flames and smoke and submerging the battery.

45 cm	2,100 mm	4
automatic submersion depth	minimum ceiling height	eyebolt ceiling mount

FUNCTIONS / FEATURES

06 FEATURES

01

Unmanned, Fully Automated

Multi-defence system that requires no firefighters on site.

02

Automatic Immersion Tank Deployment

Deploys and submerges the battery to a water level of 45 cm.

03

Automatic Fire Blanket Deployment

Resolves sprinkler spray and parking-lot illumination issues.

04

Low Ceiling Installation

Slim design installs where ceilings are as low as 2,100 mm.

05

Easy Installation

Mounts on the ceiling with 4 eyebolts, with no loss of parking space.

06

Remote Operation

Suppression can be triggered automatically or remotely without on-site access.

Specifications are subject to change without prior notice for product improvement. Values are typical and based on manufacturer and certification test data. · Rev. 2026-10

A10S Unmanned Automated EV Fire Suppression System

SPECIFICATION

A10S

Model	A10S
Material	Aluminium
Size	**2,300** × **5,500** × **320** mm
Weight	Approx. **130** kg
Applicable vehicles	Sedan, SUV, RV
Options	Fire blanket, sprinkler, remote system

EV FIRE AUTO-SUPPRESSION PROCESS

Step	Action
1	Fire occurrence → sprinkler activation onto the vehicle
2	Automatic deployment of immersion tank and fire blanket
3	Submersion of vehicle and battery; oxygen, flame and smoke blocked
4	Automatic or remote fire suppression

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