

volthub™ VH9

A brand-new solution for safe lithium-ion battery charging



Introducing the VH9

The VoltHub VH9 is the next evolution in safe lithium-ion battery charging. Purpose-designed for charging larger, high-capacity battery systems, the VH9 offers secure, segregated charging with built-in fire protection for high-risk environments. Every feature has been engineered to care for your batteries, keeping them charged under optimal conditions and significantly reducing the risk of fire.

Following industry demand for a larger battery charging solution that remains mobile on site, Armorgard spent four years developing, testing, and refining the VH9. The result is a cutting-edge solution that delivers trusted protection, operational reliability, and complete peace of mind for your site.

Volthub VH9 - engineered for containment and safety



9 large-capacity lockers, each individually lockable



Suitable for Wacker Neuson, Robel, and other large-format batteries



Individual padlock points, ideal for multi-contractor sites



18 RCD-protected sockets for safe, reliable charging



32-amp, 240V supply



Crane and forklift compatible for easy transport



Suitable for outdoor use



Segregated locker bays mitigate thermal propagation and support isolated suppression



Built-in bunded sump



2-point locking with 5-lever deadlock and anti-jemmy protection



Highly mobile: designed for one-person manoeuvring through standard doorways

Gas Management System

Engineered for containment and safety

- » Brand-new door design with integrated flame arrestors and pressure relief
- » Prevents flame from exiting the unit in the event of a thermal runaway
- » Pressure relief protects against internal over-pressurisation and explosion risk
- » Integrated fan and ducting system
- » Rear exhaust port enables easy connection to on-site ducting systems

Suppression System

Suppressant

- » Certified fire suppressant engineered for lithium-ion battery fires
- » 18-litre stainless-steel reservoir, three times the capacity of the VH16
- » Deploys at 20 bar for rapid, effective containment

Manifold System

- » Electrical thermo-switches deliver automated fire detection
- » Solenoid-driven targeting directs the suppressant precisely to the affected locker

- » Improved reliability for high-risk environments
- » Isolated deployment zones ensure only the affected locker is flooded
- » Protects batteries stored in neighbouring lockers

Nozzles

- » Designed for high-efficiency coverage of battery packs
- » Ensures complete distribution of suppressant across the faulted battery
- » Reduces risk of thermal propagation within the locker bank

Electrical System

Safety and Control

- » Audio and visual fire alerts
- » Smart dual-detection logic
- » Carbon monoxide and heat detection
- » Compatible with wireless fire alarm systems
- » Optional SMS alert notifications
- » Climate control technology protects stored batteries and reduces fire risk
- » Continues to activate suppression, even on battery backup
- » New battery state-of-charge indicator for the unit's internal backup system
- » Easy-to-read pressure gauge monitoring window