

H:FILTER 32A Three-Phase 415VAC

A configurable filter unit for EMC compliance. H:FILTER is designed to resolve EMI issues faced when integrating EV charging systems.

Electric Vehicles must adhere to stringent Electromagnetic Compatibility (EMC) regulations – for both the automotive sector and for connections to the electricity grid when charging vehicles.

Late-stage complications with Electromagnetic Interference (EMI) are common during vehicle development, often requiring rapid deployment of effective filtering solutions.

H:FILTER offers a configurable, solution designed to mitigate EMI swiftly and reliably. Its flexible architecture allows for the filter characteristics to be tuned to suppress specific noise bands, ensuring compliance without compromising performance.

Hyper motive developed H:FILTER in collaboration with a leading EMC testing facility to ensure a design suitable for automotive validation.



Key specs

- Configurable design
- Designed for testing against UN ECE Reg 10
- Developed for automotive grade ISO16750 environmental approval
- Dimensions: 320×205×88mm
- Mass: 2.4kg

Three filter variants available

- 230VAC 16A Single-Phase
- 230VAC 32A Single-Phase
- 415VAC 32A Three-Phase

Attenuation Plot: 32A Three-Phase, 2 Stage

