



Company Bulletin

for EMC, EMP, HEMP & TEMPEST Protection

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Mobile datacentre with 32A MPE power line EMC filter installed



Close-up of the 32A MPE high-performance power line EMC filter in situ



Display of mobile custom-made shelters outside the Zeppelin Mobile Systeme headquarters at Meckenbeuren

Filters for Zeppelin mobile comms shelters

In 2022 Electrade, MPE's silver level distribution partner for Germany, supplied a significant quantity of MPE's power line EMC filters to Zeppelin Mobile Systeme GmbH (ZMS), renowned designers and manufacturers of mobile custom-made shelters.

ZMS, a subsidiary of the automotive and defence technology group Rheinmetall AG, is based at Meckenbeuren, near Friedrichshafen on Lake Constance in south-west Germany. This engineering company has been providing high-quality solutions for mobile workspaces to customers around the globe since 1999.

Central to ZMS's product portfolio are custom-made shelters. From classic telecommunication cabins in different sizes up to command posts, all of their shelters can be operated on the ground, as well as adapted to most carrier vehicles. In addition to being used purely as communication shelters, shelters are also deployed as ground control stations for state-of-the-art radar and UAV systems, or as command-and-control facilities to support air defence systems.

Following a rigorous and competitive selection process, MPE's high-performance filters were selected by ZMS for use on power supplies serving military communication, radar and mobile datacentre shelter applications.

Electrade were instrumental in ensuring that MPE's products were specified, with key factors being their well-established relationship with ZMS and their technical expertise and experience across the EMC sector. MPE's power line filters were insisted upon because of the company's unparalleled track record for on-time delivery and the superior quality of its range.

Most recently a number of MPE's EMC power line filters from 16A through to 100A were supplied to ZMS via Electrade for integration into shelters utilised as mobile datacentres. Looking ahead, with ZMS eager to expand their business in this market sector, Electrade and MPE expect to continue supplying these filters to ZMS throughout 2023, and indeed for some years beyond that.

Further details of MPE's silver level distribution partner Electrade can be found at www.electrade.com or by emailing dieter.muehlberger@electrade.com

For more information on MPE's comprehensive ranges of EMC filters, check out www.mpe.co.uk/category/installation-filters or contact MPE's technical team at sales@mpe.co.uk

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