



MPE
Quality, Reliability, Performance

Company Bulletin

for EMC, EMP & TEMPEST Protection

Issue 11



A high-voltage, high-performance, powerline filter from the new MPE range



A typical datacentre application



A monitoring centre application

High-voltage DC filters for power-hungry applications

With the unprecedented number of sophisticated equipment systems being integrated into critical civil and defence facilities such as communications hubs, control rooms, emergency response centres, datacentres, banks, stock markets and finance houses, power requirements have increased significantly, and so nowadays it is not uncommon to find high-voltage applications demanding in excess of 2000A. Accordingly, there is a definite trend and need for ever higher power ratings of EMC and EMP protection filters.

Whilst much attention is often focussed toward AC mains filtering, requirements for high-voltage DC filters with equally high current ratings have become more and more commonplace. In response, MPE has extended and updated its existing range of DC filters to meet these increased requirements.

This new MPE range now covers applications with supplies up to 1500V DC and includes filters with current ratings up to 2400A.

The DC models accord with the same rigorous manufacturing standards – and utilise the same field-proven components and design values – as MPE's AC ranges and other DC ranges of powerline filters supplied for many and varied applications over more than 25 years.

You can download [here](#) your copy of the product catalogue for MPE's high-voltage, high-performance, 1500V DC powerline filters.