



High Current HEMP Filters



HEMP DESCRIPTION: High Altitude Electromagnetic Pulse

Very high energy pulses created by solar storms or high altitude detonation of an explosive device

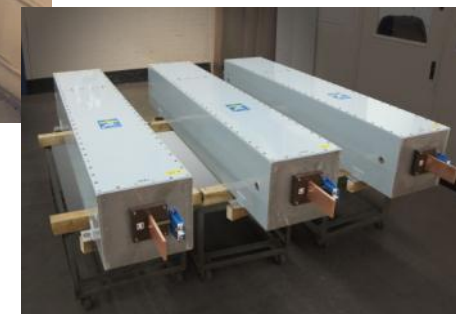
Such pulses whilst not affecting human life, will destroy any unprotected equipment containing microelectronics including: military and utility installations; financial hubs and datacentres

THE REQUIREMENT:

The protection of all power, data, control and telephone lines entering a facility with HEMP filters fully meeting MIL-STD-188-125



800A HEMP Filters



1200A HEMP Filters

THE ISSUES:

- Very difficult to meet MIL-STD-188-125 with high current units
- Traditionally, high current units require paralleling of smaller current filters
- Paralleling, increase risks of heat rise, current sharing issues and significantly increases failure rate

MPE SOLUTION

- Single element filters with no paralleling of smaller current filters
- Fully compliant with MIL-STD-188-125
- Significantly lower measured heat rise
- Significantly smaller and lighter filter units
- Supremely high reliability
- Zero failures in 6,000 filters manufactured



MPE VARIANTS:

- Full range of HEMP power filters from 6A to 1200A
- 800A single line and 4 line versions; 240V & 480V versions
- 1200A single line and 4 line versions; 240V & 480V versions
- Full range of control and telephone HEMP filters available

TRACK RECORD & QUALITY:

- Over 6,000 lines of MPE HEMP filters now in service
- 800A and 1200A solutions in service within multiple locations
- Zero failure rate on all HEMP filters in service
- All component parts manufactured by MPE
- All products CE marked
- ISO9001:2015 certified

