

Electromagnetic Pulse (EMP) System Design

Ensuring uninterrupted operations

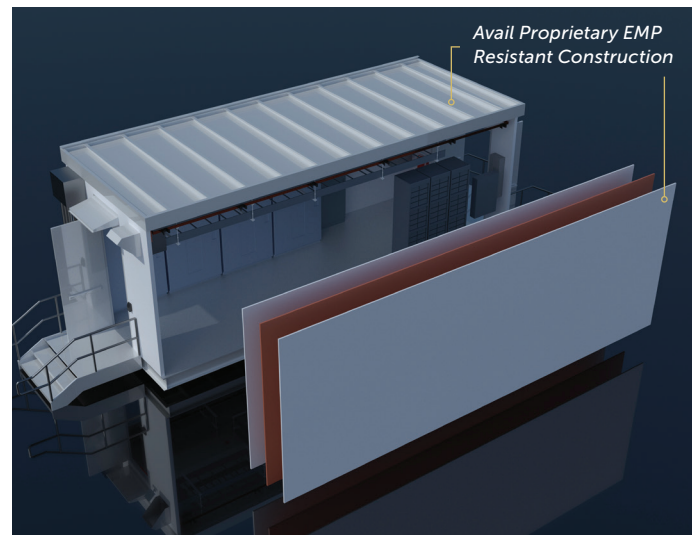


In today's technological landscape, the threat of Electromagnetic Pulse (EMP) events poses a significant risk to critical infrastructure and equipment. Avail Enclosure Systems offers a robust EMP protection solution to safeguard against these potentially devastating disruptions.

Purpose-built EMP protection for greater resilience

Avail Enclosure Systems' EMP protection solution offers a comprehensive, customizable, and reliable approach to safeguarding critical infrastructure and equipment against the potentially devastating effects of electromagnetic pulse events.

- **Comprehensive Protection:** Avail's EMP protection system provides a shield of up to 30+ dB across all relevant EMP frequencies, ranging from 100 kHz to 1 GHz, ensuring comprehensive coverage against electromagnetic threats.
- **Compliance:** Our system meets EMP protection Levels 1-3 as specified by the Cybersecurity & Infrastructure Security Agency (CISA), ensuring adherence to industry standards and regulatory requirements.
- **Customizable Solutions:** Avail will customize an EMP resistant solution to meet the specific level of protection required for the application.



EMP enclosures ensure superior protection for uninterrupted operations

Avail's EMP-equipped enclosures are purpose-built with options for inner and outer skins with varying thicknesses and materials for superior protection. They are factory-assembled, wired, and pre-tested to minimize on-site assembly and associated delays.

This purpose-built design provides superior defense, reducing the risk of inoperability or damage during EMP incidents. Avail's solution strengthens infrastructure resilience by preventing widespread instability and uncontrolled separation within interconnected systems, guaranteeing uninterrupted operation in the face of electromagnetic disruptions.

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