

# STRONGHOLD

## PROTECTS ELECTRONICS FROM HARSH ENVIRONMENTS

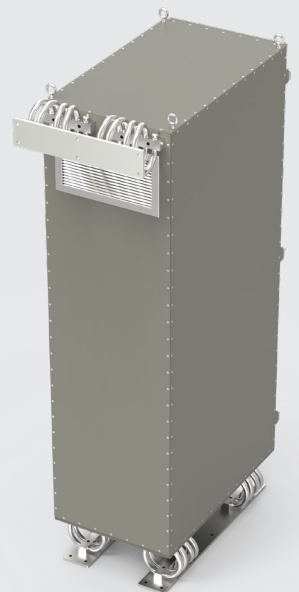
The Stronghold EMI/EMC Shielded Cabinet includes key lockable door latches, positive locking door stop, lifting eyebolts all in a rugged aluminum bolt-together design.

Made in Canada, it can be customized to meet additional requirements if needed.



## PRODUCT HIGHLIGHTS

- ⊕ Designed with features to meet MIL-S-901D/DTL-901E, MIL-STD-461, MIL-STD-810, MIL-STD-1310
- ⊕ Rugged aluminum bolt-together design
- ⊕ EMI gaskets provide EMI and drip-proof protection
- ⊕ Exhaust fan assembly provides forced air cooling
- ⊕ Air openings are EMI shielded and louvered downwards for drip proof protection
- ⊕ Air intake contains a removable and cleanable dust filter
- ⊕ Shock and vibration isolators are sized according to payload weight to minimize transmitted shock
- ⊕ Internal grounding bus bar connects to an external ground point
- ⊕ Electronics mounted via standard 19" EIA-310 vertical rails
- ⊕ INCLUDES: Key lockable door latches, positive locking door stop, lifting eyebolts
- ⊕ Can be customized to meet additional requirements
- ⊕ Made in Canada 



## FEATURES

|                                      |                                                                                                                                                 |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>DIMENSIONS</b>                    | Width: 22.5"<br>Available in a wide range of heights and depths to accommodate varying equipment requirements                                   |
| <b>ELECTRONICS MOUNTING STANDARD</b> | Standard 19" EIA-310 vertical rails; Number and location of vertical rails adjusted based on customer requirements                              |
| <b>MATERIAL</b>                      | Aluminum                                                                                                                                        |
| <b>DESIGN</b>                        | Bolted                                                                                                                                          |
| <b>MIL-SPEC</b>                      | Designed to meet:<br>• MIL-S-901D/DTL-901E<br>• MIL-STD-167<br>• MIL-STD-461<br>• MIL-STD-810<br>• MIL-STD-1310                                 |
| <b>SHOCK AND VIBRATION ISOLATION</b> | External bottom and upper-rear isolators; Sized according to payload weight to limit transmitted shock from MIL-STD-901E test to 20g            |
| <b>EMI SHIELDING</b>                 | EMI gasketed panels; EMI shielded vent panels at air intake and exhaust                                                                         |
| <b>COOLING</b>                       | Exhaust fan assembly provides 1000 CFM of forced air cooling through the empty cabinet                                                          |
| <b>GROUNDING</b>                     | Internal grounding bus bar connected to an external grounding point                                                                             |
| <b>DRIP PROTECTION</b>               | EMI gaskets at panels; Louvers at air intake and exhaust                                                                                        |
| <b>DUST PROTECTION</b>               | Dust filler at air intake                                                                                                                       |
| <b>ADDITIONAL FEATURES</b>           | <ul style="list-style-type: none"> <li>• Key lockable door latches</li> <li>• Positive locking door stop</li> <li>• Lifting eyebolts</li> </ul> |



## CANADIAN MADE

We design, manufacture, and test our products in North America. Our design engineers work on the production line, making it possible to resolve issues in minutes instead of days or weeks. This model eliminates gaps in culture and process, which can occur when production and engineering work separately.