



VERQUIN
GEODETIC ENGINEERING

NEMA 4/4x Rated

ENCLOSURE

Security Level 3



Key Features

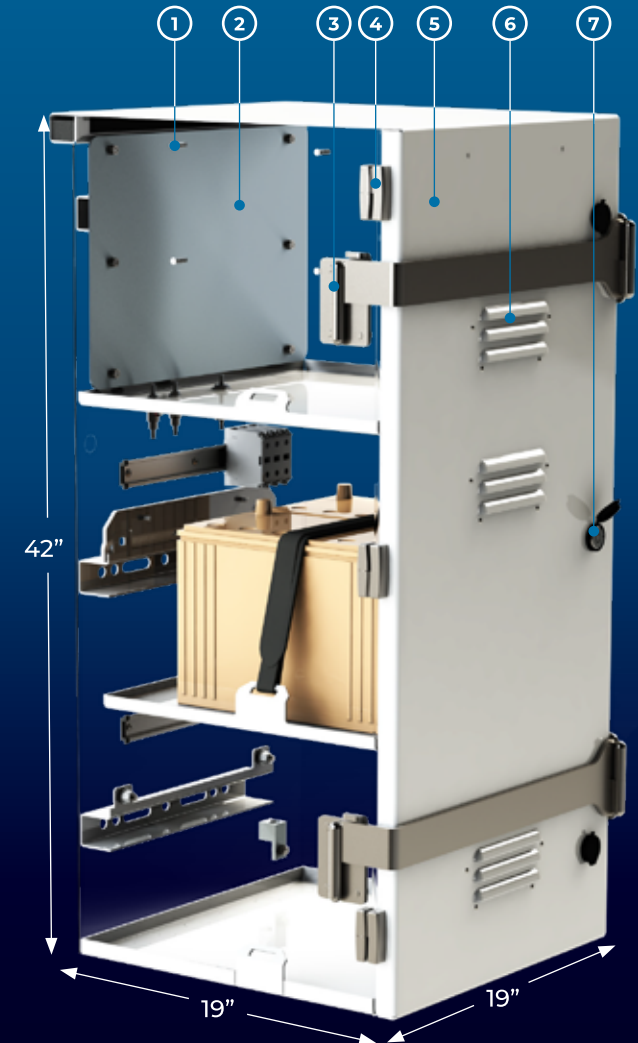
- Robust enclosure design constructed from 8 gage (0.128") marine grade aluminum
- Enclosure depth and width of 19 inches is 2 to 4 inches greater than other designs allowing for easier access and maintenance
- 3 compression locks to ensure a tight weatherproof and waterproof seal
- Body and door primed with epoxy coating then painted white ASTME E1331 with 95% reflectivity to keep components cool
- Robust stainless steel hinged strap and hasp configuration with keyed puck locking system

Specific Features

- ① 4 count ¼-20 threaded studs on left and right side of enclosure to accommodate the addition of vertical mounted components.
- ② Vertical panel mounting for expansion of electronics components. **Twice the area of other designs.**
- ③ 2 count stainless steel band on welded hinges and hasps.
- ④ 3 count stainless steel hinges fastened with hidden screws for security. RoHS Compliant.
- ⑤ Body and door fabricated from corrosion resistant 8 gage (0.128") 5052-H32 aluminum. **Twice the thickness of other designs.**
- ⑥ Generous 9 louver air venting with 90 cubic cm of air space offering 50% greater airflow than competitors.
- ⑦ Compression latch lock cover to prevent weathering and corrosion. RoHS Compliant.



See Through View



verquin.net

See Through View



Specific Features

- 8 2 count robust UCS-9A series keyed puck locking system featuring stainless steel (SS) hasp and shackle materials. NEMA 4/4x compliant.
- 9 Soffit air vent slot feature offers 12 cm² airspace across entire width of unit.
- 10 2 count row PEM SS 8-32 self clinching nuts for addition of vertical mounted DIN rail components. RoHS 3 Compliant.
- 11 3 count stainless steel pole mount brackets Insert into ¼" marine grade aluminum with reinforced welds for high loads.
- 12 Integral strap tie-down feature on each shelf for securing components. Placement follows the battery install.
- 13 Aluminum screw lug for 2 AWG. RoHS 3 Compliant.
- 14 3 count vice action stainless steel compression latch NEMA 4/4x compliant. UL FTTA2/FTTAB Type 1.
- 15 3 count SS air filter tray with mesh backing. Filter UL900, Wire Mesh ASTM E2016.
- 16 4 count PEM SS 10-32 studs for accommodate the addition of vertical mounted components. RoHS 3 Compliant.
- 17 Closed cell neoprene EPDM foam gasket prevents moisture penetration. NEMA 4/4x Compliant UL 94 HBF, UL 94 HF-1.

Open Door View



For more info,
get in touch at
info@verquin.net