Crenlo’s solar market enclosures are designed and manufactured with the system integrator in mind, using the highest quality components to ensure long-term field reliability. All products are assembled in our plant in Rochester, MN and we guarantee customer satisfaction.

**Why Crenlo:**

In the dynamic and increasingly automated world of energy production, protection of vital components requires a number of new considerations. For that reason, it is important to select a manufacturer that is capable of supporting the market evolution with their manufacturing capacity and custom design capabilities. Crenlo meets that description with their line of custom enclosures.

**Design Considerations:**

**Environmental Controls**
- UL 1741
- Air-flow and cooling
- NEMA 3R / 4 and 12 sealing
- E-coat anti-corrosion
- EMI/RFI shielding
- Snow load & Seismic considerations

**Access Control**
- Integral locks
- Safety fasteners
- Pad-Locks
- Internal releases

**Overall Footprint**
- French doors to minimize door swing
- Locks to hold doors open in high wind

**Installation**
- Lifting options for crane or helicopter
- Forklift considerations
- Pad/Floor tie downs
- Leveling

**Equipment Access From Multiple Sides**
- Removable panels
- High capacity slides
- Weight of doors and panels
- Human & Ergonomic Factors

**Common Inverter Enclosure Sizes**
- 333kW
- 500kw
- 1MW

**Custom Design Capabilities**

Our capabilities include everything from initial consulting to implementation of all aspects important to custom inverter protection:
- Aesthetics
- Airflow/cooling
- Weatherproofing
- Serviceability
- EMI/RFI shielding
- Finite element analysis
- Thermodynamic analysis

**Manufacturing Capabilities**

We have the capabilities to support the evolving technological landscape of the energy market.
- 60-year history of enclosure manufacturing
- State-of-the-art facilities
- In-house e-coating and powder paint
- Materials and an operations strategy that accommodates cost-effective production of highly custom and low-volume solutions