



THE ISOLITE ADVANTAGE

INDEPENDENTLY OWNED

- We don't OEM inverters to other companies. We offer complete project support, from design and sizing assistance to in-house field technical support. We provide both on-site and remote support.

MODULAR UNIT DESIGN

- Our inverters are modular for easy installation and maintenance. Field upgrades and updates are often possible, such as adding batteries to boost power or installing output breakers. Independent transformers in 3-phase units offer added flexibility.

STRONGER CABINET DESIGN

- Our inverter cabinets are fully welded along each seam for exceptional strength and durability. This allows for stackable configurations that optimize space and improve system efficiency.



TECHNICAL PERFORMANCE

CREST FACTOR PERFORMANCE

- Our inverters are built to handle high in-rush loads. The Isolite E3MAC and E3MAX inverters have a crest factor of 4X, compared to an industry standard 2.8X.

DIRECT TEMPERATURE MEASUREMENT

- Direct temperature compensation sensors are standard on Isolite systems to prevent thermal runaway. The web monitoring system's event log tracks all cycle logs in conjunction with the sensors. A full BTMS option is also available.

INTERNAL MAINTENANCE BYPASS SWITCH

- Our maintenance bypass option is offered internally, providing extra security and eliminating the need for external devices. External switches often require additional wiring and conduit, increasing both cost and complexity. For example, a 3-phase system with an external bypass may require 9 extra wires and approximately 2-inch conduit. In contrast, our Internal Maintenance Bypass Switch eliminates these additional components, reducing expenses and complexity.

FULL LOAD FACTORY TESTING & START-UP DIAGNOSTICS

- Before shipping, every inverter, including electronics and batteries, is thoroughly tested. During start-up, we perform a full assessment to prevent hard failures and to ensure proper function, NFPA compliance, and the ability to obtain a Certificate of Occupancy (CO) for the building.

INDUSTRY-LEADING ELECTRONICS WARRANTY

- We provide an industry-leading 2-year electronics warranty standard, which can be extended to 3 years with the purchase of a factory start-up. In comparison, the industry standard is a 1-year warranty, which extends to 2 years with a factory start-up purchase.

