

Modular Isolated Power Systems

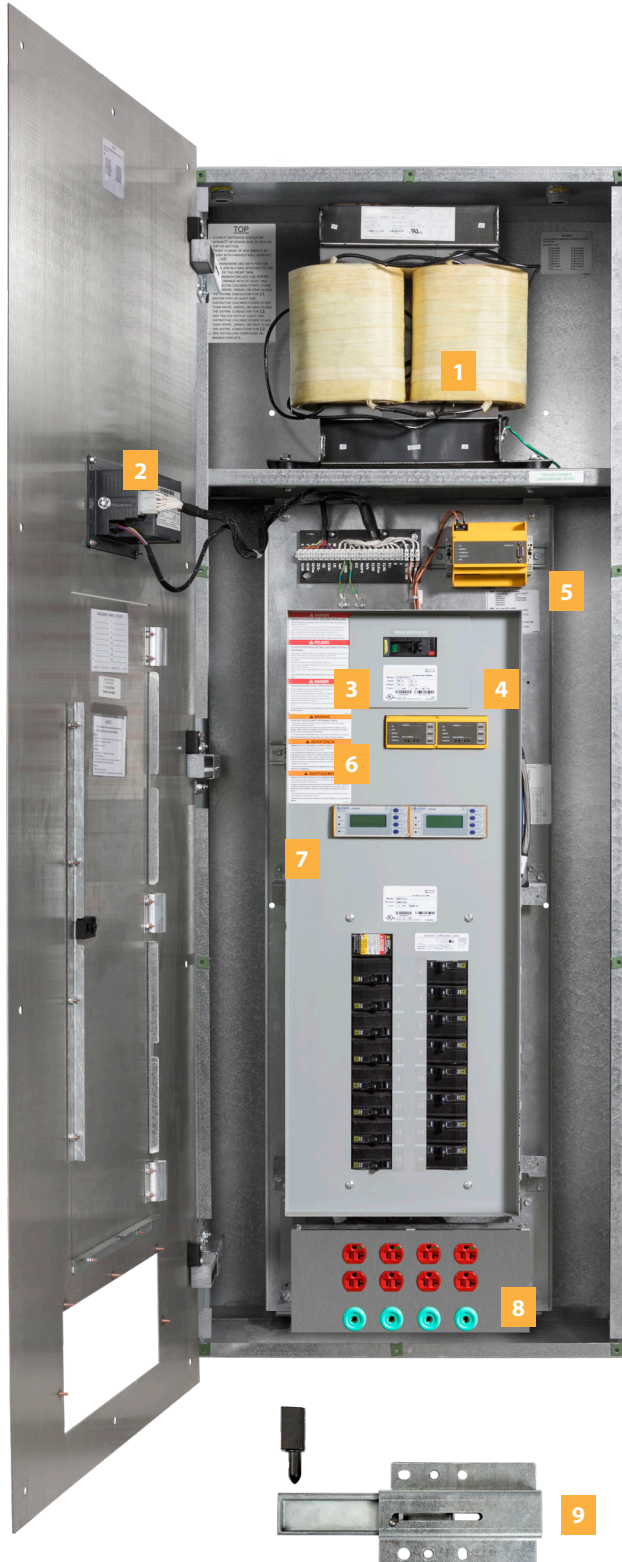
for healthcare facilities



Design the future
of energy



Bender isolated power panel



- 1** Isolation transformer
Hospital grade isolation transformer
- 2** Line isolation monitor (LIM)
Measures the total hazard current (THC) in an isolated power system
- 3** Circuit breaker kit
Modular system allowing for easy future system upgrading; adjustable electronic trip options available for achieving 0.1s system coordination
- 4** System load monitoring*
STW series current transformer, measures the total load current of the isolated power system with alarms when reaching system capacity
- 5** Communication gateway*
Provides integrated web server for viewing status and changing settings; provides Modbus RTU and TCP gateway for BMS integration
- 6** Fault location system*
Locate ground faults quickly and automatically for individual branch circuits while the system remains energized (no opening breakers required)
- 7** Branch circuit load monitoring*
Monitors load current of each branch circuit; individually adjustable alarm levels available
- 8** Receptacle and ground jack section*
Provides hospital grade power receptacles and ground jacks directly at panel front
- 9** New lift-off barrel hinge
Completely conceals hinge when closed, allowing for easy cleaning and prevention of small debris accumulation; mechanism allows the knuckle of the hinge system to easily slide in and out of backbox

* Optional add-on features



Bender modular panels

Unsure if certain features are required right now? Future-proof your isolated power needs with Bender's new modular design. Our panels are engineered to allow features and accessories to be upgraded in the field with minimal to no modification.

- Designed and assembled in the USA
- Industry-leading, standard 5 year limited warranty on all panels
- Designed in strict compliance with NFPA 99, NFPA 70, UL 1047, CSA C22.2 Part 1, CSA Z32, and more



Standard isolated power panel

- Single-system, single-output-voltage isolated power systems
- Isolation transformer, rated to specified requirements
- Primary circuit breaker
- Sixteen 2-pole circuit breakers
- LIM2010 line isolation monitor
- Configurable with x-ray / laser receptacle and circuit lockout capabilities

Dimensions

kVA	Backbox
3, 5	66"H x 24"W x 6"D
7.5, 10	66"H x 24"W x 8"D
15*	72"H x 30"W x 12"D
25*	72"H x 30"W x 14"D

* Circuit lockout configurable

Dual output voltage panels

- Single-system, dual-output-voltage isolated power systems
- One single-phase isolation transformer with dual secondary outputs (120V side and 208/240V side)
- Two LIM2010 line isolation monitors
- Two reference ground buses
- 120V side: One secondary main circuit breaker, sixteen branch circuit breakers
- 208/240V side: One secondary main circuit breaker, up to four secondary branch breakers

Dimensions

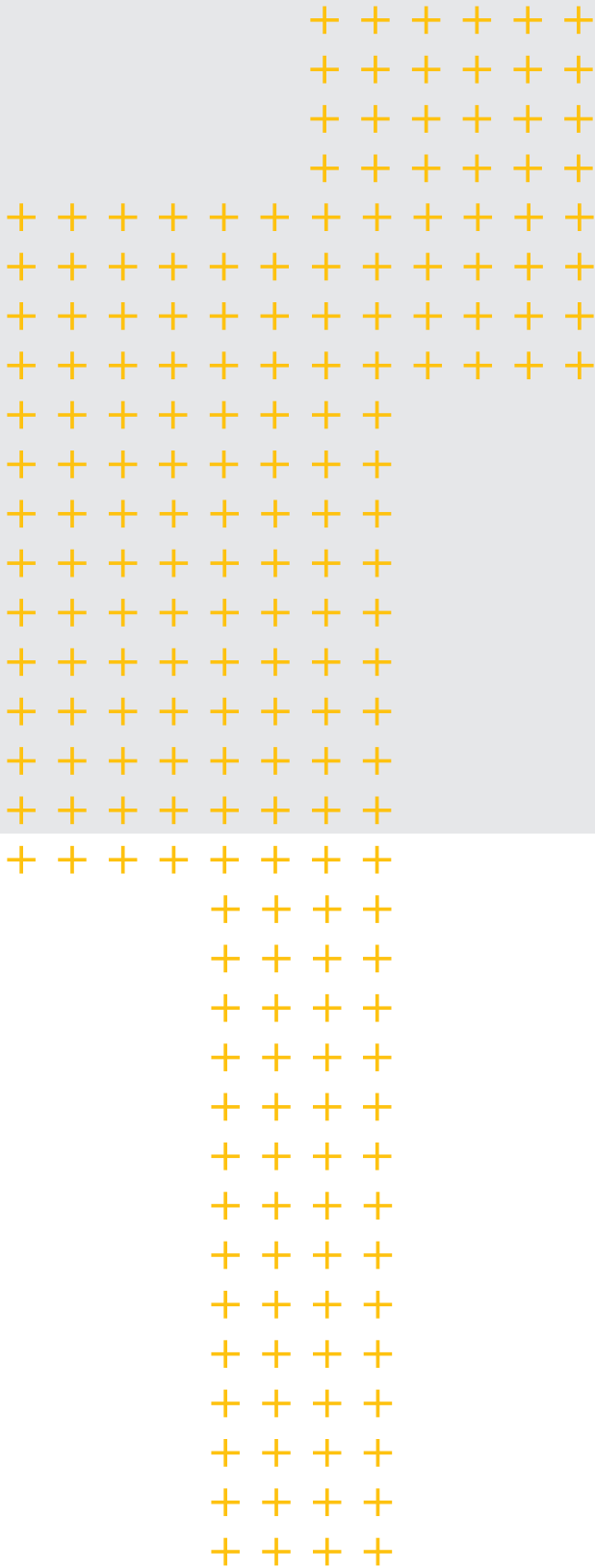
kVA	Backbox
15	72"H x 30"W x 12"D
25	72"H x 30"W x 14"D

Dual system panels

- Dual-system, single-output-voltage isolated power systems
- Two isolation transformers, individually rated to specified requirements
- Primary circuit breaker for each system
- Sixteen 2-pole circuit breakers for each system
- Two LIM2010 line isolation monitors for each system

Dimensions

kVA	Backbox
3 - 10	80"H x 36"W x 8"D



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Revised Jan 2024

14.4H.REV.2