



HEALTHCARE

GE Industrial Systems

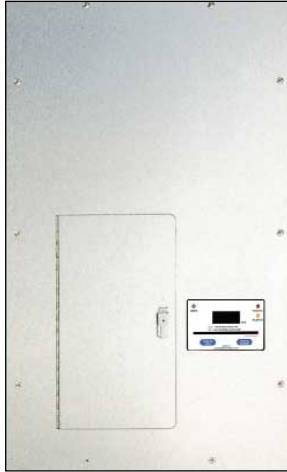
***GE Isolated Power Panels
& Isolated Power Centers***



SECURE, UNINTERRUPTED POWER TO CRITICAL AREAS OF HEALTHCARE FACILITIES

Isolated Power Panels

THE COMPLETE ISOLATED POWER SYSTEM

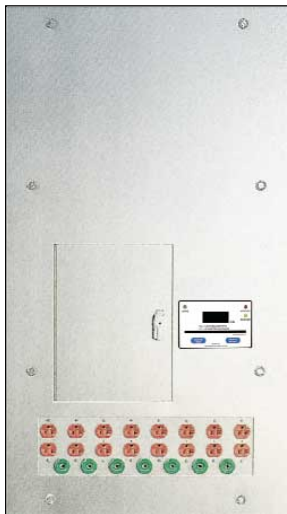


The GE Isolated Power Panel contains all the basic elements of an isolated power system: shielded isolation transformer, line isolation monitor, circuit breaker panel and ground bus. It is most commonly installed in the corridor outside an **operating room** with remote receptacles inside. The National Electrical Code requires that a remote annunciator be installed inside the room.

Although the Isolated Power Panel is most often used to deliver 120V service to receptacles in the operating room, it is also recommended for all **flammable anesthesia, “wet” and other locations** where the interruption of power cannot be tolerated.

Isolated Power Centers

THE ISOLATED POWER SYSTEM PLUS RECEPTACLES



The GE Isolated Power Center adds receptacles to the Isolated Power Panel. Depending on the unit's kVA rating, it can include up to eight 120V, UL listed twist-lock, duplex or parallel blade receptacles and up to seven ground jacks for additional grounding points. It can also feed remote and panel-mounted receptacles. This makes it ideal for use in **intensive care** and **coronary care units** and suitable for **cardiac catheterization labs, neonatal units, emergency rooms, critical care and recovery areas** as well.

The benefits to you

ADDED SAFETY AT NO ADDITIONAL COST

- ❖ No power interruption with a one-line to ground fault
- ❖ Visible and audible indications of hazardous situations
- ❖ Reduced effects of common-mode noise
- ❖ Quick, and simple field installation
- ❖ Easy-to-clean stainless steel front trim
- ❖ Line Isolation Monitor identifies ground faults both upstream and downstream of the distribution circuits
- ❖ Flexible design adapts to varying specifications and applications

The value of GE

HIGH QUALITY, MAXIMUM SAFETY

GE's commitment to quality and safety is evident in the components used in Isolated Power Panels and Isolated Power Centers. These components include:

ISOLATION TRANSFORMER is a single-phase, stacked core with electrostatic shield, designed for low leakage and quiet operation.

Ratings	3, 5, 7.5, 10 or 15 kVA	
Primary voltage	120, 208, 220, 240, 277 or 480	
Secondary voltage	120, 208, 220, 240	
Maximum leakage current	3kVA, 5kVA	10 microamps
	7.5 kVA	14 microamps
	10kVA	25 microamps
	15kVA	30 microamps

CHASSIS mounts inside the back box and supports the isolation transformer, the LIM and the circuit breaker panel.

FIELD WIRING COMPARTMENT is formed by a baffle and fastened to the chassis.

TERMINAL BLOCK allows for connection of remote signal conductors.

BACK BOX is heavy duty, made of galvanized steel and designed for either flush or surface mounting. It can be shipped ahead of the interior to make simplify the rough-in phase of construction or renovation.

LOCKABLE DOOR prevents unauthorized operation or accessibility with a Corbin lock over the GE circuit breaker panel.

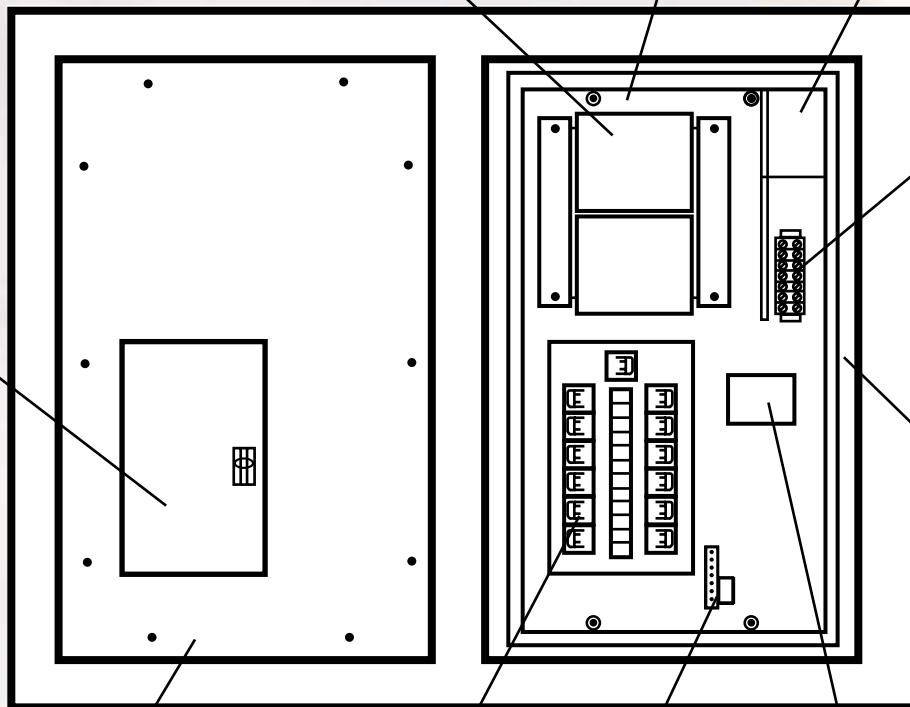
FRONT TRIM PANEL fabricated from #12 gauge, 304 stainless steel polished to a #4 satin finish is standard. An optional continuously hinged front trim panel is available.

GROUND BUS is used to connect all internal and branch ground conductors.

CIRCUIT BREAKER PANEL conforms to code requirements with high-quality GE 2-pole bolt-on breakers. The panel houses the primary main circuit breaker and up to 16 secondary breakers, all UL listed.

LINE ISOLATION MONITOR (LIM) offers continuous monitoring with non-switching circuitry. Audible and visible alarm indicators are easily accessible and not obscured when the circuit breaker door is opened. Other features include:

- ❖ Self-testing and self-calibrating
- ❖ Low monitor hazard current of 25 microamps
- ❖ 5 or 2 milliamp alarm point
- ❖ LED panel meter and indicator lights
- ❖ Sensitivity to LIM "loss of ground"
- ❖ Self-resetting fuses

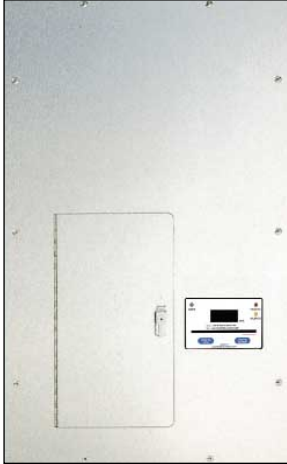


UL LISTINGS

UL 1047 – Isolated Power Systems Equipment

UL 1022 – Line Isolation Monitors

DIMENSIONS – Isolated Power Panels & Isolated Power Centers



kVA/Type	Approximate Dimensions (inches) *	
	Back Box (H x W x D)	Flush Trim (H x W)
3, 5, 7.5, 10 (vented), 15 (vented)	60 x 25 x 10	61 ¾ x 26 ¾
10 (non-vented), 15 (non-vented)	60 x 25 x 12	61 ¾ x 26 ¾

**Dimensions subject to change without notice and are NOT for construction/rough-in use.*

ACCESSORIES

GE offers the following accessories to complete the installation of GE Isolation Power Panels and GE Isolation Power Centers. These accessory products are built to ensure patient safety while making the isolation power system easier to operate and monitor.

- ❖ Remote Annunciator Panels
- ❖ Remote Receptacle Panels
- ❖ Master Remote Annunciator Panels
- ❖ Power and Ground Modules
- ❖ Ground Modules/Ground Jack Panels
- ❖ Master Ground Modules
- ❖ Ground Cord Assemblies

For additional information contact your local GE Industrial Systems Salesperson.



GE Industrial Systems

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