

## A Modular Power Distribution Center for use with UPS, PDU's, Power Conditioners, Regulators, Motor-Generators, Add-Ons, and Upgrades

The Power Island is the latest generation of power distribution center. With the smallest foot print ever designed, the Power Island distributes 225 Amps

in a 14 inches x 24 inches area.

With the tiered and slotted conduit landing bracket, cables are added or moved with greater ease than any other manufactured power distribution system.

The full capacity, isolated neutral bus and the single point, full capacity ground bus are completely exposed when the rear protective cover is removed by its four (4) mounting screws, providing clear access and ease of installation.

### Panel Board Selection

Several optional panel boards are available (some are listed on the back of this brochure). Other manufacturers can be specified. Our standard panel board is a 225 Amp Square D Bolt/Snap-On panel with 42 pole positions, and attached secondary main circuit breaker.

### Solid Top

With the solid overhanging top, the unit's integrity is guaranteed. No liquids can penetrate the cabinet to short or degrade operation.

### Unavailable Power

The power conditioners that run out of distribution capabilities before they run out of capacity are a thing of the past. The Power Island can extend the distribution capabilities by 84 pole positions, making available previously unused capacity. This allows expansion of computer room or other sensitive equipment to take place at a fraction of the cost and effort required by other methods. By ordering the 225 Amps or 450 Amps interconnect cable (specified in 5 ft. increments) at the same time as ordering the Power Island, installation is easily accomplished. The Power Island can then be placed as close to the load as possible, minimizing output cable length and installation time.

### Optional Output Monitor

Monitoring RMS Metering, Output Voltage (Phase to Phase, Phase to Neutral), Output Current, Output Neutral Current, KVA, and Percent Load per phase.

### Adding Cables

The back of the Power Island is removable. When the back panel is removed, the conduit landing bracket, the neutral bus and the ground bus are easily accessible. The unique design of the conduit landing bracket allows cables to be moved or added without disconnection or moving existing cables.

### Protective Front Door

The attractive front door also serves to protect the circuit breaker from accidental operation. When a circuit breaker is to be accessed, the hinged door opens without a tool, being held closed by a full length magnetic strip.



- UL Listed
- Neutral Bus
- Ground Bus
- Easy Access
- Main Breaker
- Modular Design
- Any Panelboards
- Tiered & Slotted Conduit Landing Bracket
- Single Phase or Three Phase

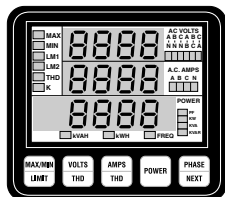
# Power Island

Stand-Alone Distribution and Monitoring Center

## STANDARD FEATURES

- Modular Design Cabinet
- Tiered Conduit Landing Bracket
- Square-D Bolt/Snap-On 42 Pole Panelboard with Secondary Over-current Circuit Breaker

## Optional Output Monitoring Panel

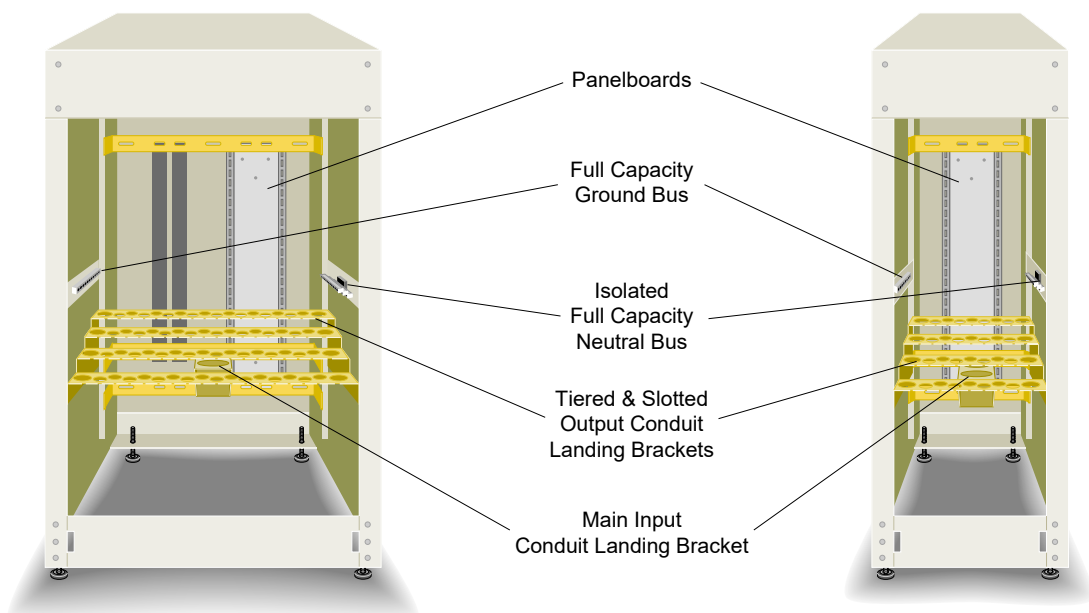


**Monitoring;** RMS Metering, Output Voltage (Phase to Phase, Phase to Neutral), Output Current, Output Neutral Current, KVA, Percent Load per Phase

## OPTIONS

- System Monitoring Panel
- Output Inter-Connect Cable
- Different Panelboards
- Junction Box (for Dual Feed)
- Output Circuits with conduit and receptacles
- Front Access Configuration
- Special Paint

## Standard Unit Configurations



Specifications are subject to change without prior notification.

MODEL	DIMENSIONS			WEIGHTS (LBs)
	WIDE	HIGH	DEEP	
Power Island/42	14"	47"	24"	175
Power Island/84	28"	47"	24"	225



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