

REMOTE DISTRIBUTION PANEL (RPP/RDP)

Apex Infrastructure is committed to delivering the next generation of power management, electrical distribution and circuit protection to ensure continuity of service and increased uptime for the emerging Hyperscale and AI IT rack densities, while meeting today's current operational requirements.

STANDARD FEATURES

- High Density - 40% more circuit breaker positions
- Up to 240 branch circuit positions
- Front access design
- Top and bottom wiring access
- Finger safe operation
- Convection cooled design
- Solid vented door with lockable latch
- Single or multiple inputs per system
- Multiple panelboard manufacturers available
- Fast delivery on standard models
- UL67 E4751 Listed

OPTIONAL FEATURES

- Input monitoring/intelligent HMI
- Branch Circuit Monitoring (BCM)
- Common input for multiple panelboards
- Seismic rated floor stand
- Arc Flash safe viewing window
- Perforated server cabinet door
- Isolated ground bus
- 415/230V to accommodate AI loads
- Output cable whips for raised floor



BENEFITS

- Hyperscale and AI ready up to 800 A
- Space saving footprint
- Modular expansion capability
- Scalable deployment
- Custom configurable
- Reduced install time and cost
- Optimized air flow
- Flexible market offering
- Vast power distribution expertise

RPP/RDP SPECIFICATIONS

ELECTRICAL

Input/Output	3-Phase 4 Wire + Ground
Input/Output	208/120V – 415/240V – 480/277V
Input Amperage	150/225/400/630/800/1200 A
Neutral Rating	200%
Panel Boards	4, Up to 240 circuits
Source Breakers	Up to 4

DIMENSIONS/WEIGHT

Height	84"
Width	24" - 48"
Depth	12" - 32"
Weight	300-550lbs

SITE CONDITIONS

Operating temp	0° to 40° C
Storage temp	-40° to -60° C
Relative Humidity	10% - 95% non-condensing

GENERAL

- Natural convection cooled
- Hinged dead front panel
- Single Point Ground
- Revenue Grade Metering
- Top and bottom access

COMMUNICATIONS

- Modbus RTU (RS-485)
- Modbus TCP
- Webserver

STANDARDS

- UL67 E4751 Listed
- NEMA and CETL listed to CSA C22.2
- # 14 FCC Compliant (part 15)



OPTIONS

- Branch Circuit Monitoring
- Floor stands
- SNMP and Modbus TCP-IP Comms
- Custom sizes (12"-24"-48" deep)
- Current limiting circuit breakers
- Local 6.5" color touchscreen
- Main feed circuit monitoring
- Surge Protection
- Plug-in or bolt-in branch circuit breakers
- Plug-in or fixed mount front source breakers
- Input junction boxes
- Isolated ground
- IR Ports