

The power behind competitiveness

Delta InfraSuite RPDC

Rack-Mount Power Distribution Cabinet

Highly compact and reliable power distribution solution for small datacenters

Delta's rack-mount PDC (RPDC) is an ideal power distribution solution to small datacenters up to 80kVA. Composed of a 4U cabinet, the RPDC can be perfectly integrated with standard server racks and results in saving valuable datacenter space. For high requirement of datacenter reliability, it also provides excellent branch protection and branch monitoring functions. The RPDC is a superior solution of power distribution management and reduces the total cost of ownership (TCO) of your small datacenters.

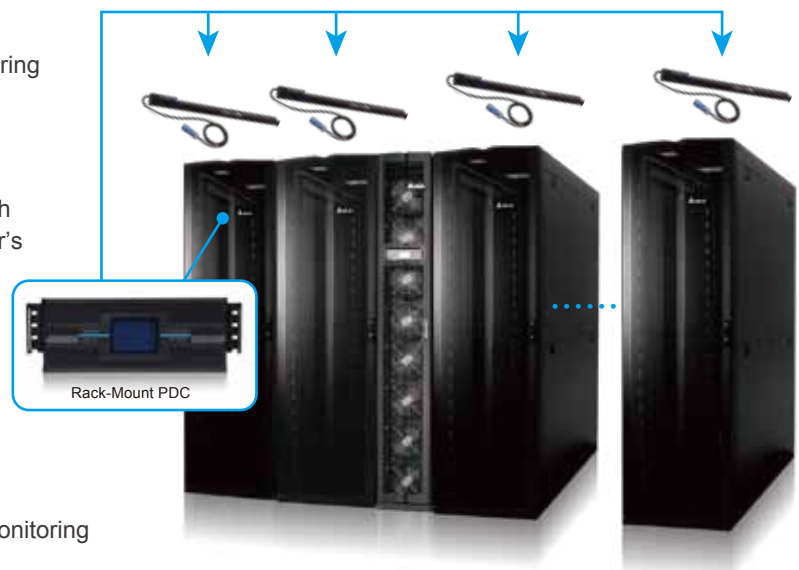


High Flexibility

- Provides three different rated power levels, 30kVA, 50kVA and 80kVA, for your selection
- The highly scalable design allows installation of at maximum six hot-swappable breaker modules (optional), which means that it can connect at maximum 18 branches
- Various accessories are available for options like TVSS module, main input breaker and SNMP IPv6 card

High Reliability

- Detects any hot-swappable breaker module's branch current
- Provides abnormal voltage and phase-lack alarms
- Provides system and each branch's current monitoring and alarm functions
- Intelligently judges the specifications of each hot-swappable breaker module installed
- Smartly monitors each latch is closed or open, each branch's status and the optional main input breaker's status
- Provides REPO function



Convenience

- User-friendly 4.9-inch LCD interface
- Built-in RS-232 port and smart slot allow remote monitoring
- Records at maximum 2000 event logs
- Provides 6 sets of output dry contacts

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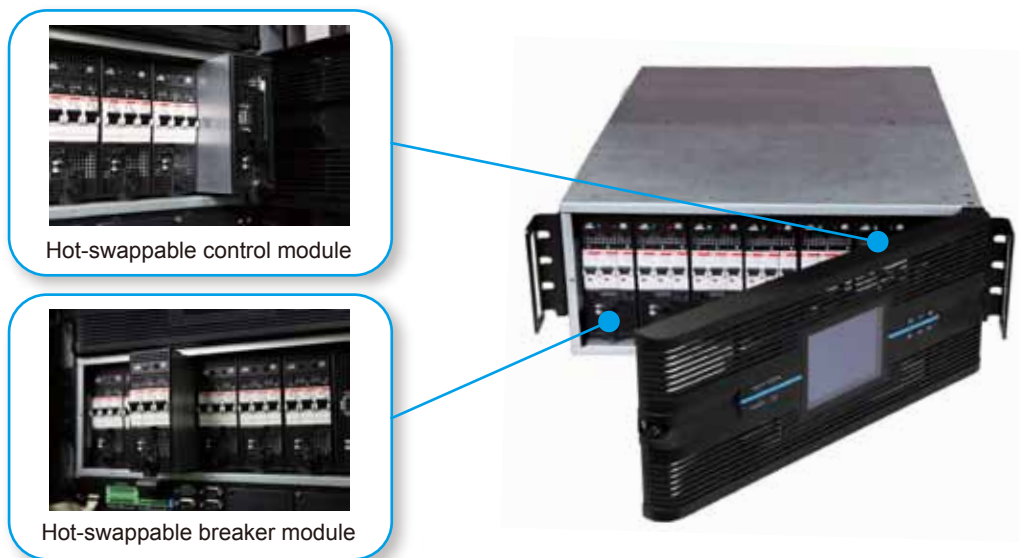
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Technical Specifications

Model		Rack-Mount PDC
Input	Nominal Voltage	220/380V, 230/400V, 240/415V (3-phase, 4-wire + G)
	Voltage Range	220/380V $\pm 15\%$
	Frequency Range	50/60Hz $\pm 5\%$
	Main Input Breaker	63 / 100 / 160 A
Output	Full Load Rating	30 / 50 / 80 kVA
	Nominal Voltage	220/380V, 230/400V, 240/415V (3-phase, 4-wire + G)
LCD Display		Total output: Current, load (%), kVA, kW, kW.h and temperature Each branch: Load (%), current and kW.h
Interface	Standard	RS-232 port x 1, CAN Bus port x 1, Smart slot x 1, Output dry contact x 6, REPO x 1
Environment	Operating Temperature	0 ~ 40°C
	Relative Humidity	90% (non-condensing)
	Audible Noise	<70 dBA in normal mode (at a distance of 1 meter in front of the Rack-Mount PDC)
	Protection (IP Degree)	IP 20
Others	Parallel Redundancy	N/A
	Emergency Power Off	Yes (Remote)
Physical	Dimensions (WxDxH)	430 x 665 x 173 mm
	Weight	38kg (Max.)
	Hot-Swappable Breaker Module	1~6 (at maximum 18-pole supported)

*All specifications are subject to change without prior notice.



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Green Excellence Award for
Corporate Leadership



Delta's Manufacturing
System is Certified by
ISO 9001 and ISO 14001
Standards



IECQ Certificate of
Hazardous Substance
Process Management

