Delta InfraSuite POD

Delta's POD solution offers smart and flexible architecture suitable for small and medium enterprise applications. In addition to the integration of main systems for power, cooling, racks and monitoring, the cold or hot aisle containment also provides superior air flow management to enhance cooling efficiency.

A traditional data center takes 18 to 24 months to build, while a POD requires only a few weeks or months for deployment. Delta's POD solution, with its fully modular design concept, is flexible and offers pay-as-you-grow with short installation time to meet your rapidly growing needs for data storage and processing.

One-Stop Professional Services

- The prefabricated modular data center is fully in-house designed, configured and pre-tested with Delta's engineering excellence.
- All subsystems, such as modular UPS, power distribution, battery, cooling, containment, DCIM and more, are highly integrated, standardized and reliable.
- Three standard configurations for quick selection and optional customization according to customer needs

Superior Flexibility and Adaptability

- Smart architecture is applicable to either cold or hot aisle containment.
- Adaptable to all aisle width requirements with two options ranging from 600mm to 850mm, and from 850mm to 1200mm.
- Movable and reusable for future sites; Raised floor is not required.

High Agility and Quick Deployment

- Pay as you go to meet customer fast-time growing business with standard building blocks.
- Parallel site construction progress to reduce project time from years to months.
- Pre-configured cabling and piping system shortens on-site installation and testing time.

Excellent Reliability

- Design follows Uptime Institute LLC design guidelines.
- Configurable up to "TIER III-Ready". Supports N+1 or 2N power and cooling system.
- Support VRLA battery or Li-ion battery with back up time to 5 minutes

Comprehensive Management

- Inbuilt DCIM solution with an industrial-grade 10" touch screen that fully integrates environment monitoring, IP camera, door access control, motion sensor, fire suppression.
- Doors can be secured in various ways including card reader, security code and fingerprint to prevent unauthorized access.

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Delta – POD Family Outlook

Model Name		POD 50kW	POD 125kW	POD 175kW
IT Capacity Range (kW)		<50kW	50kW~125 kW	125kW~175kW
System Availability		Up to Tier III		
UPS		DPH 75 kVA@25kW	DPH 150 kVA@25kW	DPH 200kVA@25kW
Battery Sys-tem	Battery loca-tion	In-built UPS	Separated Cabinet	Separated Cabinet
	Battery Type	VRLA or LIB	VRLA	VRLA
Cooling System		InRow CW / DXA	InRow CW / DXA	InRow CW / DXA / No cooling
Rack Qty		4~14 racks	10~25 racks	19~35 racks
Other Sub Systems		Security, DCIM, Fire Suppression, Lighting		

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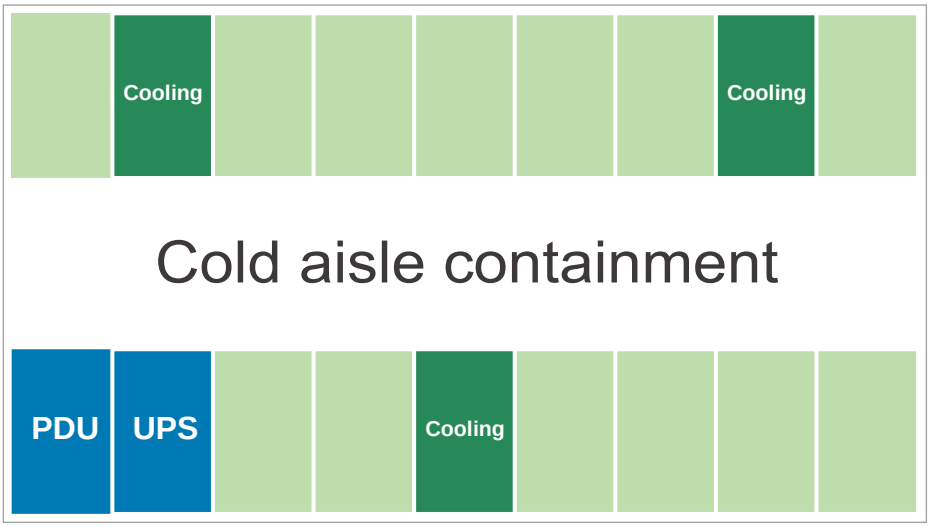
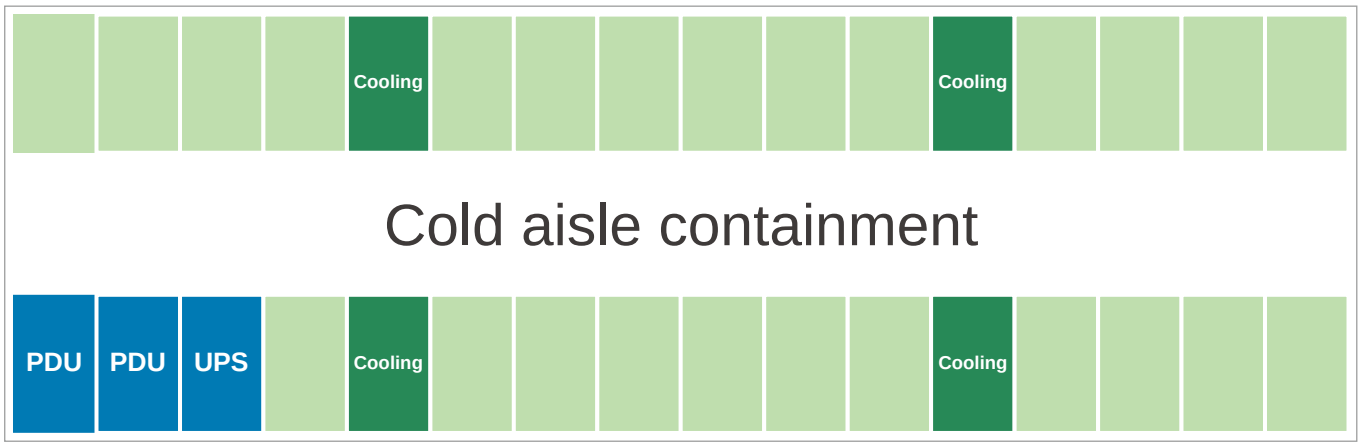
Delta – POD Family
POD 50kW



Model Name		POD 50kW
IT Capacity Range (kW)		<50kW
UPS System	UPS Configuration	DPH 75 kVA @ 25 kW Power Module
Battery System	Battery location	In-built UPS
	Battery Type	VRLA or LIB
	Back up time	Max 5 mins @ 50kW load
Power distribution panel	IT Feed Nos	12 x 3 Nos 1P MCB
	SPD	40ka
rPDU	Type of rPDU	Metered
	Rack density < 5kW	PDU 1315, 200-240V Single phase input 32A, C13(24), C19(4), RS232-1, RS232-2, Optional SNMP
	Rack density 5~10kW	PDU 2421, 346-415/3Y 3 phases input 16A, C13(36), C19(3), RS232-1, RS232-2, Optional SNMP
Cooling System	Type of Cooling	InRow CW / DXA
Rack System	Rack Dimension	600 (W) x 1100 (D) x 2000 (H)mm
	Rack Qty	4~14
	Max Power Density per Rack (kW)	10kW

Delta – POD Family
POD 125kW



Model Name		POD 125kW
IT Capacity Range (kW)		50kW~125kW
UPS System	UPS Configuration	DPH 150 kVA @ 25 kW Power Module
Battery System	Battery location	Separated Cabinet
	Battery Type	VRLA
	Back up time	Max 5 mins @ 125kW load
Power distribution panel	IT Feed Nos	24 x 3 Nos 1P MCB
	SPD	40ka
rPDU	Type of rPDU	Metered
	Rack density < 5kW	PDU 1315, 200-240V Single phase input 32A, C13(24), C19(4), RS232-1, RS232-2, Optional SNMP
	Rack density 5~10kW	PDU 2421, 346-415/3Y 3 phases input 16A, C13(36), C19(3), RS232-1, RS232-2, Optional SNMP
Cooling System	Type of Cooling	InRow CW / DXA
Rack System	Rack Dimension	600 (W) x 1100 (D) x 2000 (H)mm
	Rack Qty	10~25
	Max Power Density per Rack (kW)	10kW

Delta – POD Family
POD 175kW

Model Name		POD 175kW
IT Capacity Range (kW)		125kW~175kW
UPS System	UPS Configuration	DPH 200 kVA @ 25 kW Power Module
Battery System	Battery location	Separated Cabinet
	Battery Type	VRLA
	Back up time	Max 5 mins @ 175kW load
Power distribution panel	IT Feed Nos	36 x 3 Nos 1P MCCB
	SPD	40ka
rPDU	Type of rPDU	Metered
	Rack density < 5kW	PDU 1315, 200-240V Single phase input 32A, C13(24), C19(4), RS232-1, RS232-2, Optional SNMP
	Rack density 5~10kW	PDU 2421, 346-415/3Y 3 phases input 16A, C13(36), C19(3), RS232-1, RS232-2, Optional SNMP
Cooling System	Type of Cooling	InRow CW / DXA / no cooling
Rack System	Rack Dimension	600 (W) x 1100 (D) x 2000 (H)mm
	Rack Qty	19~35
	Max Power Density per Rack (kW)	10kW