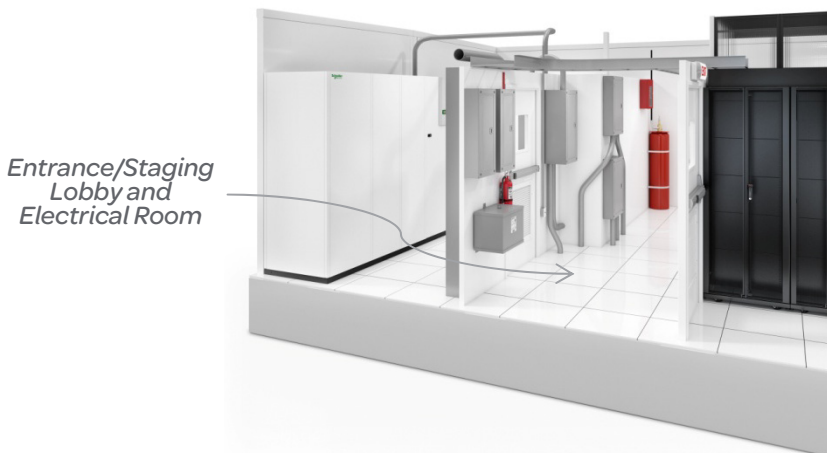
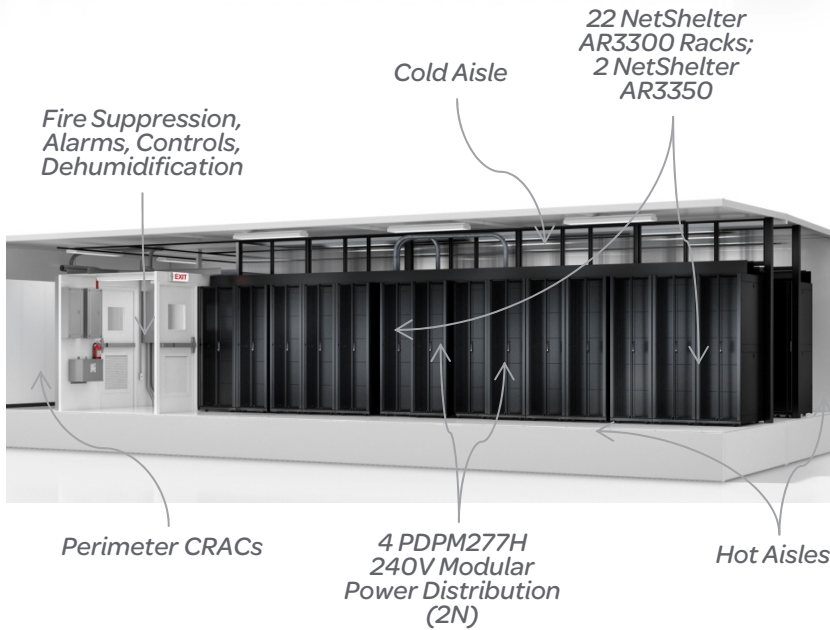


225 kW Prefab Data Center Dual Bay IT Module - PDU With Perimeter Cooling

Data Sheet

Schneider Electric offers scalable, easy-to-deploy, Prefabricated Data Center Modules.



Power - Input	
Input Power Voltage (Nominal)	400V AC; 3 Phase; 50 Hz
Max. Input Current	500A
Power Distribution	
Total IT Load	225kW at 2N (24 racks at 10 kW per Rack)
Non-Critical Power Capacity	15kW
Nominal Output Voltage to Rack	400V 3PH with Overload Protection
Main Distribution	PDPM277H (4) Power Distribution Units
Rack Distribution	AP8881 Metered, 11kW, 240V, 16A (36) C13 & (6) C19 - (2 per rack)
Cooling	
Type, Number of Units	N+1 Chilled Water Block w/ Chilled Water with Humidification
Cooling Capacity	225kW N+1
Operating Water Inlet Temp	15° C
Internal Operating Humidity	10% - 95%
Internal Operating Temperature	15.6° C to 26.7° C (60° F to 80° F)
Racks	
Rack Qty, Size and Type	22 - AR3300 - 42U x 600 mm (w) x 1200 mm (d) 2 - AR3350 - 42U x 750 mm (w) x 1200 mm (d)
Hot aisle	1210 mm x 8000 mm (47" w x 26'3" l) (qty 2)
Cold aisle	1300 mm x 8000 mm (51" w x 26'3" l)
Air blocking	2 Interior Doors
Management System and Safety	
StruxureWare Data Center Expert	Interface that monitors, manages and controls devices that provide power, cooling, security and environmental data.
Environmental Monitoring	Cooling Unit Temp Sensors: AP9335T (Qty 52); Temp and Humidity Probes: AP9335TH (Qty 12); Leak Sensors NBE50308 (Qty 1)
Fire Suppression and Detection	NOVEC clean agent system with smoke/heat detection, auto/manual actuation, and audible/strobe alarms.
Exits	2 Primary Exit, 2 Emergency Exits
Physical	
Length	13.7 m (45' 0")
Width	Shipping: 3.2 m (10' 6") Assembled: 6.4 m (21' 0")
Height	3.6 m (11' 10")
Weight (Estimated), Both Bays Combined	Shipping: 25,000 (55,000 lbs) (Qty 2) Loaded: 75,000 kg (165,000 lbs) (Typical) 855 kg/m ² (1,880 lbs/m ²)
Entrance Lobby for Environmental Separation	1.9 m (6' 0") w x 6.4 m (21' 0") l
Stacking	Optional
Environmental (external)	
Operating Min/Max Temp.	-25° to 45°C (-13° to 113°F)
Seismic and Wind Loading	Site Specific
Operating Altitude	0 - 2000m (0 - 6560FT)
Additional Features	Physical Surveillance Cameras; Integrated Power Management System and Controls; Fibreport; Entry Locks