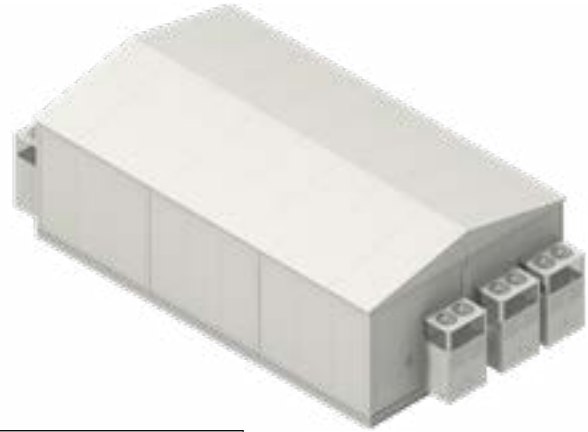


Summary

A lightweight, fully customizable, turnkey modular infrastructure solution engineered for AI, edge computing, neo cloud, telecom, broadband, utility, and hyperscale applications. Designed to house integrated electronics, compute racks, transport equipment, batteries, and fiber management systems, the HyperEdge MDC™ provides a faster, more cost-effective alternative to traditional concrete shelters while enabling scalable “pay-as-you-grow” deployments.



Specifications:

Construction	12-gauge welded steel modular enclosure
Mounting Styles	Pad mount, helical mount, platform mount
Equipment Support	Integrated electronics, computing racks, transport equipment, and batteries
Power Interface	AC power interface with optional DC power plant rocks
Fiber Management	Integrated fiber management options
Thermal Management	HVAC solutions and chiller solutions
Thermal Heat Load Capacity	HVAC Capacity: 4kW to 35kW systems available Chiller Capacity: •Stage 0: 35kW to 210kW/6 ft to 8 ft in length •Stage 1: 200kW to 880kW/9 ft to 28 ft in length •Stage 2: 490kW to 1.6MW/16 ft to 46 ft in length
Thermal System Options	Panel mount HVAC Rack mounted evaporator Front door heat exchanger Rear door heat exchanger Open space evaporator Direct liquid cooling Liquid temperature(s): •17°C-27°C •32°C-40°C •45°C
Rack Cooling	Optional rack-level cooling
Cable Entry	Multiple cable entry locations
Deployment	Factory integrated and ready for rapid installation

Advantages of the HyperEdge MDC™ vs concrete shelters:

- Lightweight alternative to concrete shelters
- Modular “pay-as-you-grow” architecture
- Factory integrated and deployment ready
- Standard flatbed transportation
- Pad, platform, or helical mounting
- Customizable equipment layouts
- Scalable thermal management
- Supports multiple equipment rack configurations
- Lower total cost of ownership
- Faster deployment than conventional shelters

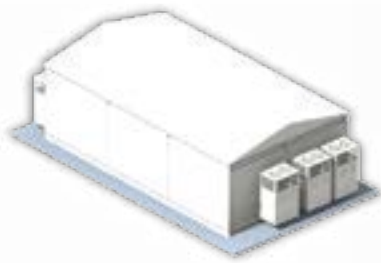
Applications:

- Inline Amplification (ILA) Sites
- Meet Me Room (MMR) Environments
- Hyperscale Edge Data Center

Integration Options:

- Cabinets/Frames/Network Equipment
- Cable Conveyance
- Compute Racks
- Power Racks
- Battery Banks
- Power and Equipment Racks
- [Data Center Rack](#)

Mounting Options:



Pad Mount



Front Skirt Mounting Kit



Riser Mounting Kit



Helical Mounting Kit

Additional available sizes:



10'W x 10'D x 10'H



10'W x 16'D x 10'H



10'W x 20'D x 10'H



24'W x 36'D x 10'H