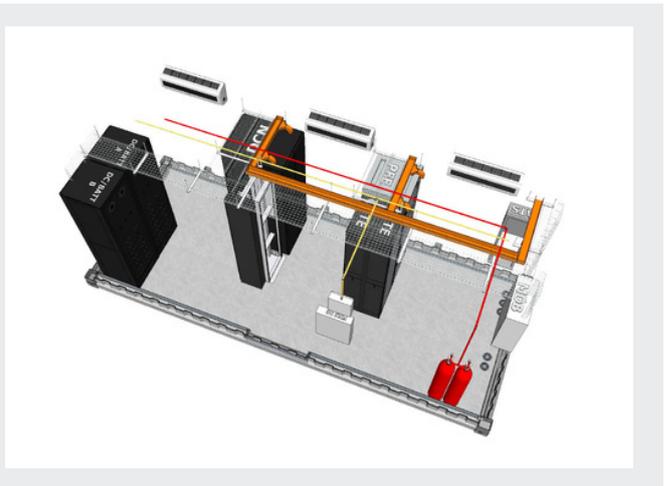
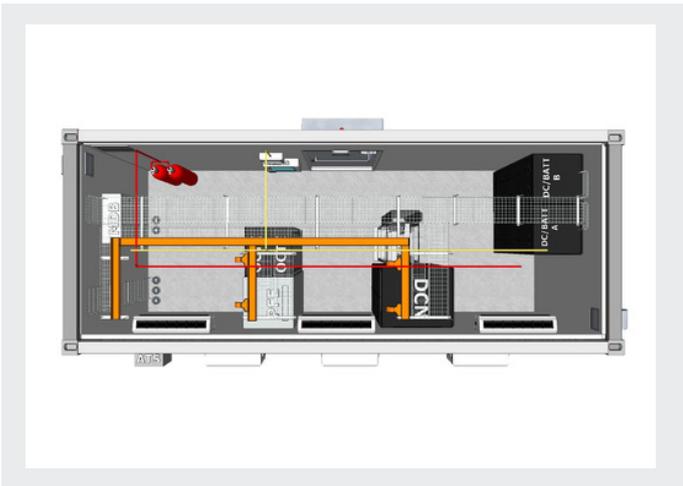
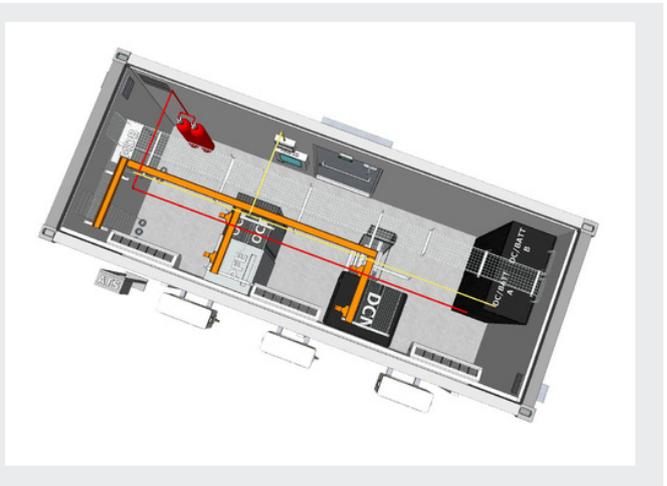
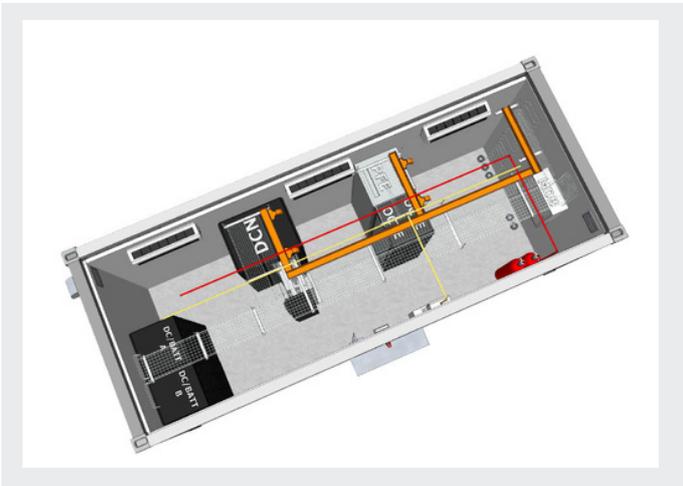




DXN B1 Module

Our turnkey prefabricated modular data centre solutions are scalable, purpose-built and rapidly deployable globally with full maintenance and support.

DXN Modules provide a complete solution for modular data centre including power systems, cooling systems, power distribution systems, cable trays, fibre trays, fire detection and suppression systems, lighting, access control systems, CCTV security systems and DCIM/BMS complete monitoring solutions





Key Highlights of DXN B1 Module

- On time delivery - manufacturing lead time less than 14 weeks and less than 6 months from order to on-site
- Built to withstand zone 4 seismic conditions and category 5 cyclones
- C5 protective paint to ensure surface protection for highly corrosive coastal environments.
- Dual Power (2N) redundancy designs to avoid any single point of failures
- Vendor agnostic designs that allow customers to choose the vendors they prefer
- Complete in-house design and build by DXN Team



Datasheet

DXN Module Type	DXN Module B1
Floor Space in Sqm	14sqm
External Dimensions	6.07m (L) x 2.44m (W) x 2.9m (H)



Rapid Deployment
Modular
Different

Call [1300 328 239](tel:1300328239) or email info@dxn.solutions

For more information visit www.dxn.solutions

Heading	Subheading	Description
DXN Module Type	DXN Module B1	Floor space 14sqm, External dimensions – 6.07m (L) x 2.44m (W) x 2.9m (H)
Structural	Corrosion Standards	C5 Standard, 3 coat paint
	Seismic	Zone 4 seismic
	Flooring	Steel floor with Anti-Static vinyl covering
	Cable Entry	Roxtec glands and aluminium Gland plates
	Lighting	LED Lighting
	Cable Trays/Fiber Tray	Separate wire trays for power and structured cabling and fibre runner with spill over for required racks
Fire Protection	Fire Rating	1hr (60min) fire rated module
	Fire Detection	Smoke detectors and early warning detection (VESDA)
	Fire Suppression	IG541 gas fire suppression
	Pressure Relief	Pressure Relief Vents
	Warning signs	External and internal illuminated warning signs, sounder/strobe
Cooling	Cooling methods	Air cooled – DX
	Cooling system	Split cooling system
	Fresh air makeup	Fresh make up air inlet and outlet
Power System	Power System Redundancy	Complete power system and distribution system design with 2N redundancy to avoid any single point of failures
	Power distribution	100A 415V 3phase Low Voltage Distribution Board
	DC Rectifier System	-48V DC system 18kW Rectifier capacity with complete DC distribution
	Inverter System	-48V DC to 415V 3phase inverter with AC distribution
	Battery with battery cabinet	48V battery bank with 12V Battery 4 in series and 4 strings (UPS12-700MRXF C&D battery)
Rack	DCN Rack	DCN Rack with 2 x 32A single-phase rack PDU
Monitoring & Management	BMS	Temperature and humidity sensors, alarm I/O connections, interface to high level BMS with standard protocols for remote monitoring capability
	Access System	Secure Card access for 1 door entry only
	CCTV	1 Indoor and 1 outdoor camera