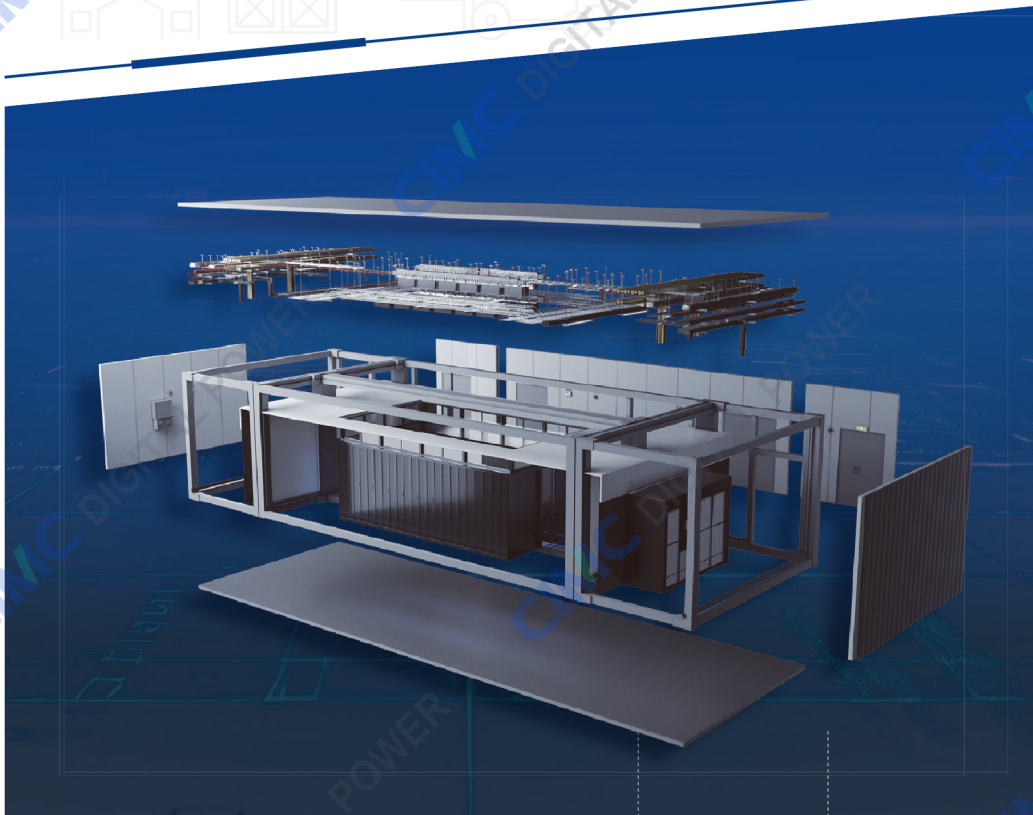


## Prefabricated Modular Data Centre Solution

Scalability | Flexibility | Efficiency



The Leader in Prefabricated Modular Data Centres

## China International Marine Containers(Group) Ltd.(CIMC)

Diversified multinational industrial group and world leading supplier of logistics and energy equipment.



### CIMC Digital Power

CIMC Digital Power serves as CIMC Group's strategic global platform for integrated digital power equipment solutions.

We deliver end-to-end prefabricated modular data centres through specialised R&D, design, manufacturing, and global deployment. With twelve years of sustained commitment, CIMC Digital Power has emerged as a global leader in modular data centre delivery.

To date, we have deployed over 1,000 MW of capacity across more than 17,000 modules. Partnering with CIMC Digital Power means collaborating with an integrated, experienced leader to accelerate project timelines, mitigate risks, and optimise operational efficiency. Together, we shall build intelligent, green data infrastructure to underpin sustainable growth for the digital era.

### CIMC Modular Building Malaysia



As the Southeast Asian market continues to evolve, CIMC Modular is strategically expanding its presence in the region. In November 2023, CIMC Modular Building Malaysia Sdn Bhd was established, marking a significant milestone in the company's regional growth strategy. This subsidiary is dedicated to offering localised services to clients within the Malaysian market, ensuring proximity and tailored solutions to meet their specific needs. It is also certified by CIDB, which underscores its commitment to quality and standards.

#### R&D Capacity

100+ Engineering Team with BIM Design Capabilities



#### EPC Project Management

Experienced M&E Installation Team and Local Partners



#### Production Capacity

Multiple Production Bases  
Productivity: 5000+ Modules



#### Global Delivery



Private Cargo Terminal  
20+ Years Global Delivery Experience

# Why Choose Us

## Service Application Area

Conceptual Design



Schematic Design



Detail Design



BIM



Logistics



Project Delivery



Manufacture Drawing



Operation & Maintenance



Module Production & Supply



It is prefabricated in the factory with a completion rate of

90%

It can reduce the total construction period by

50%

It can reduce the construction waste by

90%



- Global independent intellectual property rights
- Global recognition of the building quality
- Rapid construction in large batches
- Widely used in the global market
- Global logistics and installation service

With leading technology, high-quality products, and a global business layout, CIMC has provided global users with approximately



17,000+

building modules



finished products that cover an area of

540,000 sqm



a cumulative total of **over 200** projects

## Global Access

The modular solutions meet permanent construction standards for most countries worldwide.

Complies with local building codes in regions and countries including East Asia (China, Japan, South Korea), Southeast Asia (Singapore, Malaysia, Indonesia, Thailand), Europe, the UK, the Middle East (Saudi Arabia, the United Arab Emirates), the Americas, and Australia, etc.

## STRATEGY: Industrialisation of Data Centres

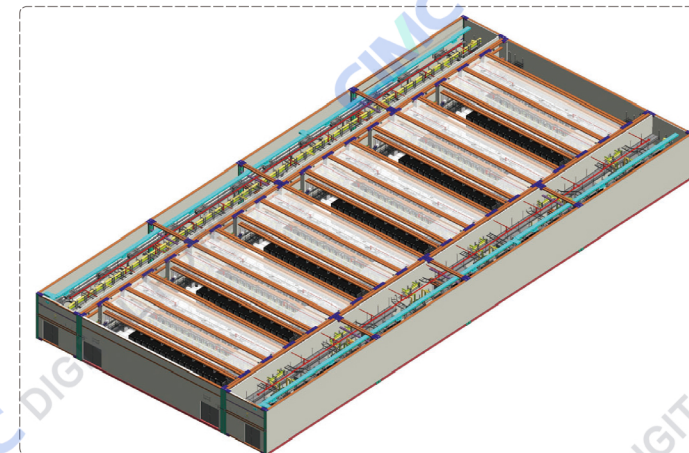


## METHOD: DFMA

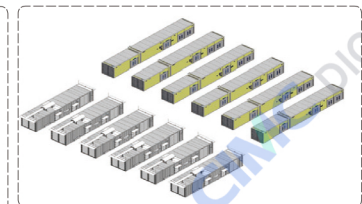
DFMA (Design for Manufacturing and Assembly) is a product design methodology. It emphasises considering the feasibility of manufacturing and assembly during the design phase to avoid the high costs associated with later modifications.

### Goals and Values

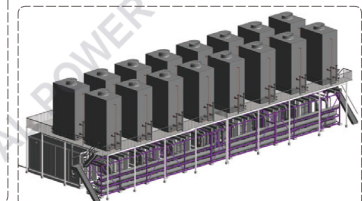
- **Quality:** Stable and reliable quality;
- **Speed:** Reproducible delivery speed;
- **Cost:** Full-chain productisation to achieve effective cost control;
- **Competitiveness:** Sustainable competitiveness.



Data Hall



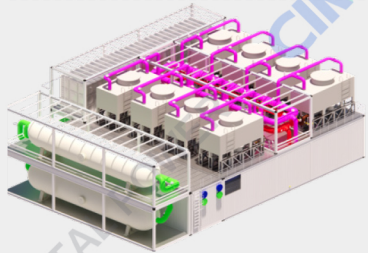
Power Train Unit



Modular Cooling Plant

## Modular Cooling Plant

- Modular chiller plant solution
- Adaptable for 0–4000 RT integrated setups
- Prefabricated piping skids
- Integrating pipes, valves & maintenance access



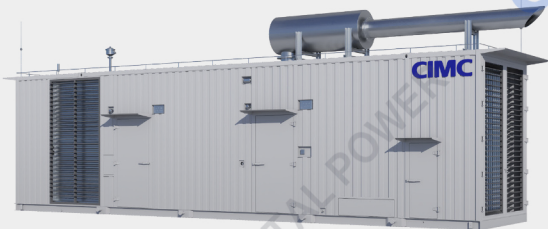
## PTU

- Capacity coverage 1.6MVA to 3.15MVA
- High configuration flexibility and strong adaptability
- Fully prefabricated modular integration, reducing on-site construction
- Supports rapid deployment, improving construction efficiency and project quality

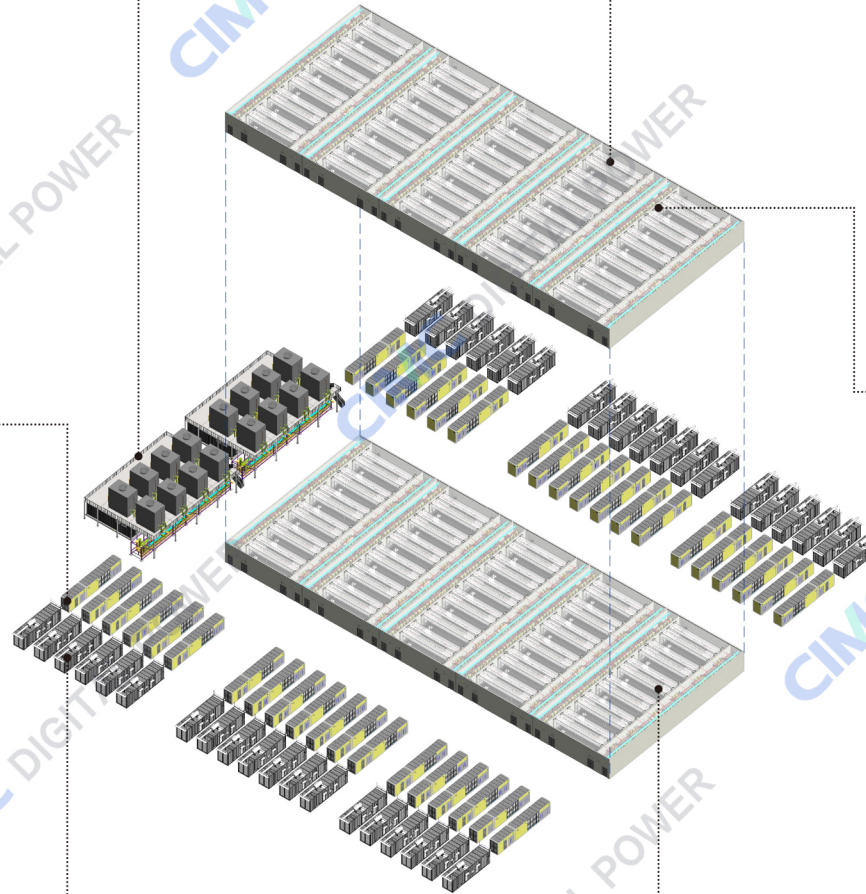


## Generator (1.4MW~3.0MW)

- Supports customised development
- Integrates multiple core functions
- High-level factory integration
- Plug-and-play for easy deployment

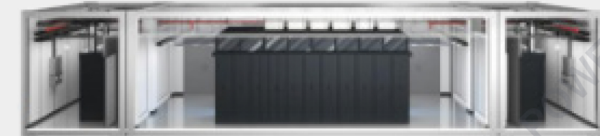


## CIMC SOLUTION



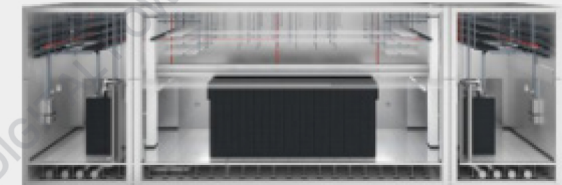
## 4150mm Module

- Recommended for mid-low-density data centre
- No raised floor
- Less than 52U/Rack
- DX air cooling, chilled water



## Dual Stack Module

- Floor height: 5.3 metres to 8.3 metres
- Meets the requirements of NVIDIA's GB200 & GB300 and other high-density data centre.
- Less than 60U/Rack
- DX air cooling, chilled water and liquid cooling



## Skid Module

- Stackable for unlimited ceiling height
- Flexible module type, quantity, and layout
- More than 42U/Rack
- Liquid-cooling, air-cooling



The Leader in Prefabricated Modular Data Centres

# Successful Cases of DC

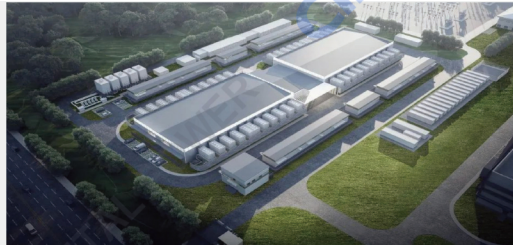
Now, CIMC Digital Power has completed the construction of approximately 540,000m<sup>2</sup> of data centres for global clients, supplying about 17,000+ modules and 52,000 cabinets.

All projects are permanent buildings and comply with local building codes and acceptance specifications.

CIMC Digital Power is responsible for detailed design, production manufacturing, integrated wiring, integrated equipment installation, transportation, lifting, module joining, commissioning, and other full-process management tasks.

## Malaysia Cloud/AI DC ▶

Finished in: 2022  
Floor Area: 5,000+ sqm  
Scale: 900+ racks  
Delivery Cycle: 11 months



## ◀ Malaysia Cloud/AI DC

Finished in: 2024  
Floor Area: 29,000+ sqm  
Scale: 3,000+ racks  
Delivery Cycle: 9 months

## Japan AI DC ▶

Finished in: 2025  
Floor Area: 510 sqm  
Scale: 44 racks



## ◀ Bahrain Cloud DC

Finished in: 2022  
Floor Area: 2,800+ sqm  
Scale: 450+ racks



# Global Project Experience



## Contact Us

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