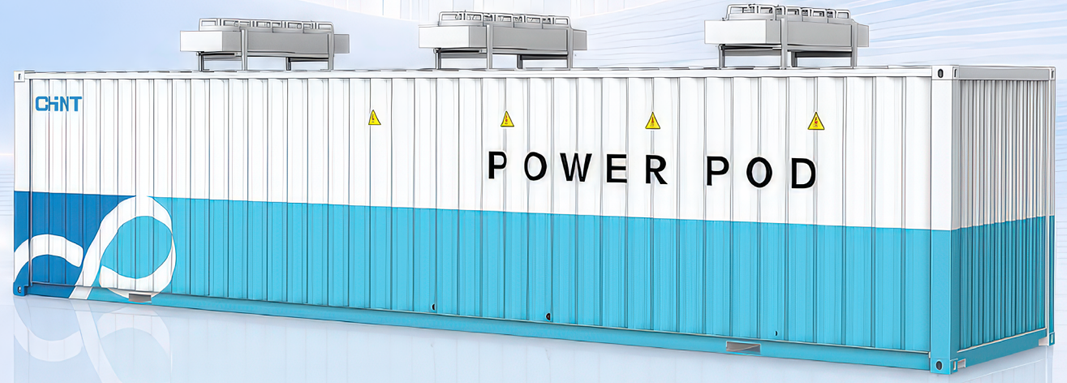
Data Center Power Pod

Factory-Built Power, Plug-and-Play Deployment, From Months to One Week



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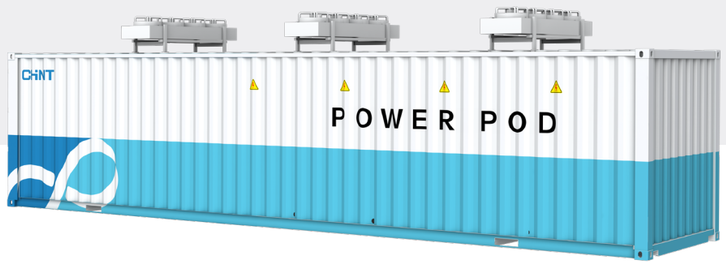
Data Center Power Pod

The Data Center Power Pod is a factory-prefabricated, modular power supply unit purpose-built for data centers. It integrates MV/LV switchgear, transformers, UPS, and intelligent monitoring into a single weather-proof enclosure, enabling quick plug-and-play deployment. Standardized, scalable, and shippable by container — it turns data center power infrastructure into a product you order, not a project you build.



Standardized & Modular

Unified design specifications boost production efficiency by 30%; modules are stackable, scalable, and support global voltage standards with container-grade shipping.

Factory-Prefabricated, Rapid Delivery

All assembly and testing completed off-site— cuts on-site construction time by 60% and drastically reduces field labor.

Flexible Replication, On-Demand Scaling

Replicable modular architecture allows phased investment and capacity expansion, eliminating idle assets and oversized upfront capital.

Key Specifications

Parameter	Value
Dimensions (W × H × D)	2,438 × 12,192 × 3,500 mm (including rooftop cooling)
Total Capacity	1,600 – 3,000 kVA
UPS Configuration	100% of total capacity
Input Voltage (MV)	10 kV – 40.5 kV
Output Voltage (LV)	380 / 400 / 415 / 480 V
Rated Frequency	50 / 60 Hz
Operating Temperature	– 20° C to +45° C

Application Scenarios

Hyperscale & Colocation Data Centers — Rapid power delivery for greenfield builds and phased capacity rollouts.

AI & HPC Computing Centers — High-density power pods matched to GPU cluster deployment schedules.

Edge & Modular Data Centers — Self-contained power modules for distributed edge sites requiring minimal on-site work.

Project References

Philippines | MNL1 Data Center Project

De Yang | China Mobile DeYang IDC Project