



CEEPOWER

Data Center Power Solution

Modular. Prefabricated. Reliable.

VER 202609





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CONTENTS

01



Typical Power Architectures

02



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Power Solutions

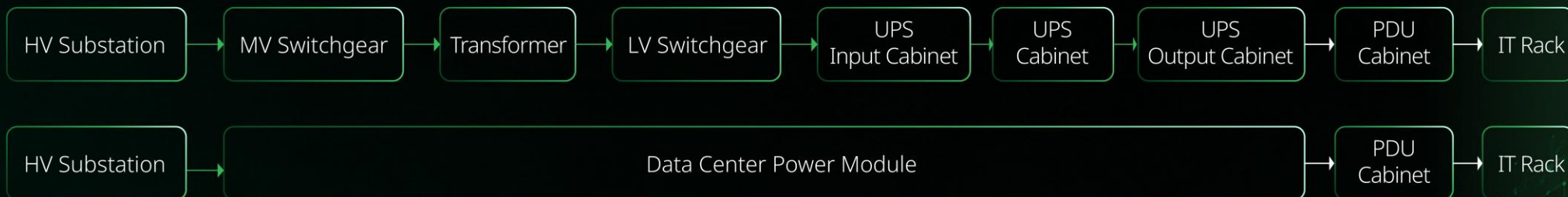
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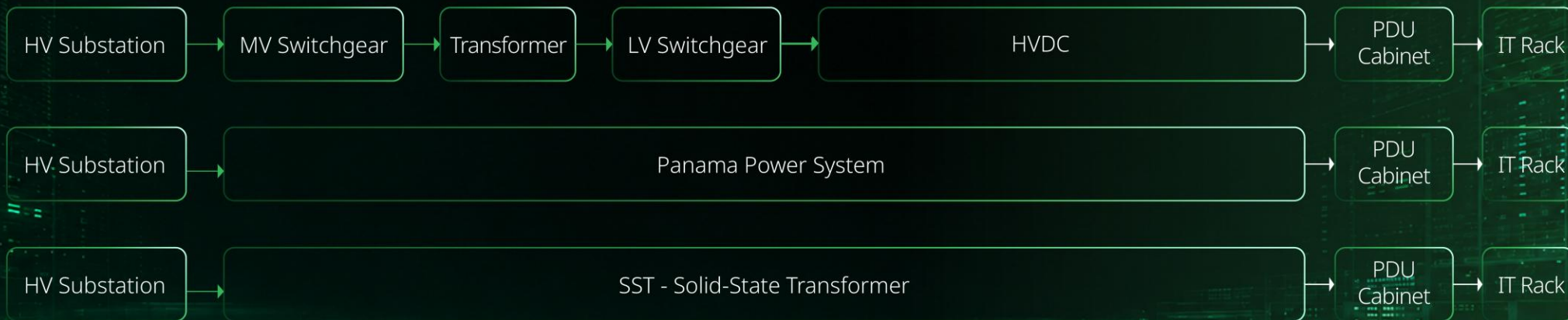
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Core Products

Typical Power Architectures

AC Architecture



DC Architecture

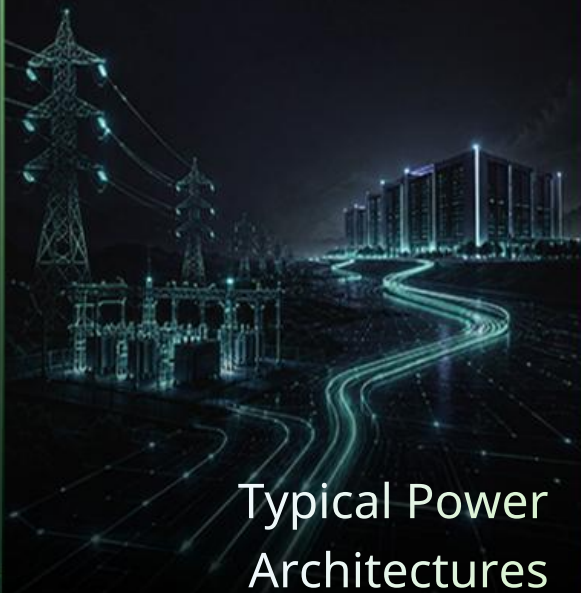




CEEPower

CONTENTS

01



Typical Power Architectures

02



**CEEPower
Power Solutions**

03



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Core Products

CEEPOWER Power Solutions



Grid-Level Reliability

Proven power equipment supplier to China State Grid, with end-to-end quality control.



Rail Transit Proven

Experience in railway and rail transit power systems, where reliability and continuity are key requirements.



Modular Design

Optimized for key nodes across the data center power distribution chain to meet different system needs.



Prefabricated Delivery

Factory-integrated and pre-commissioned to reduce on-site work and risks.



Streamlined design, efficient deployment, clearer interfaces, and reduced on-site work.

Global Subsidiaries and Local Support



LOCAL PRESENCE



LOCAL SERVICE



REGIONAL SUPPORT

United Kingdom Company
(London)
CENERGY INVESTMENT HOLDING CO., LTD.

Kazakhstan Company
(Astana)
KAZAKHSTAN CEEPOWER LTD.

Germany Company
(Frankfurt am Main)
CEEPower Storage GmbH

Saudi Arabia Center
(Riyadh)

Vietnam Center
(Hanoi)

Singapore Company
SINGAPORE CEEPOWER PTE. LTD.

Indonesia Company
(Jakarta)
PT CEEPOWER LISTRIK INDONESIA

China

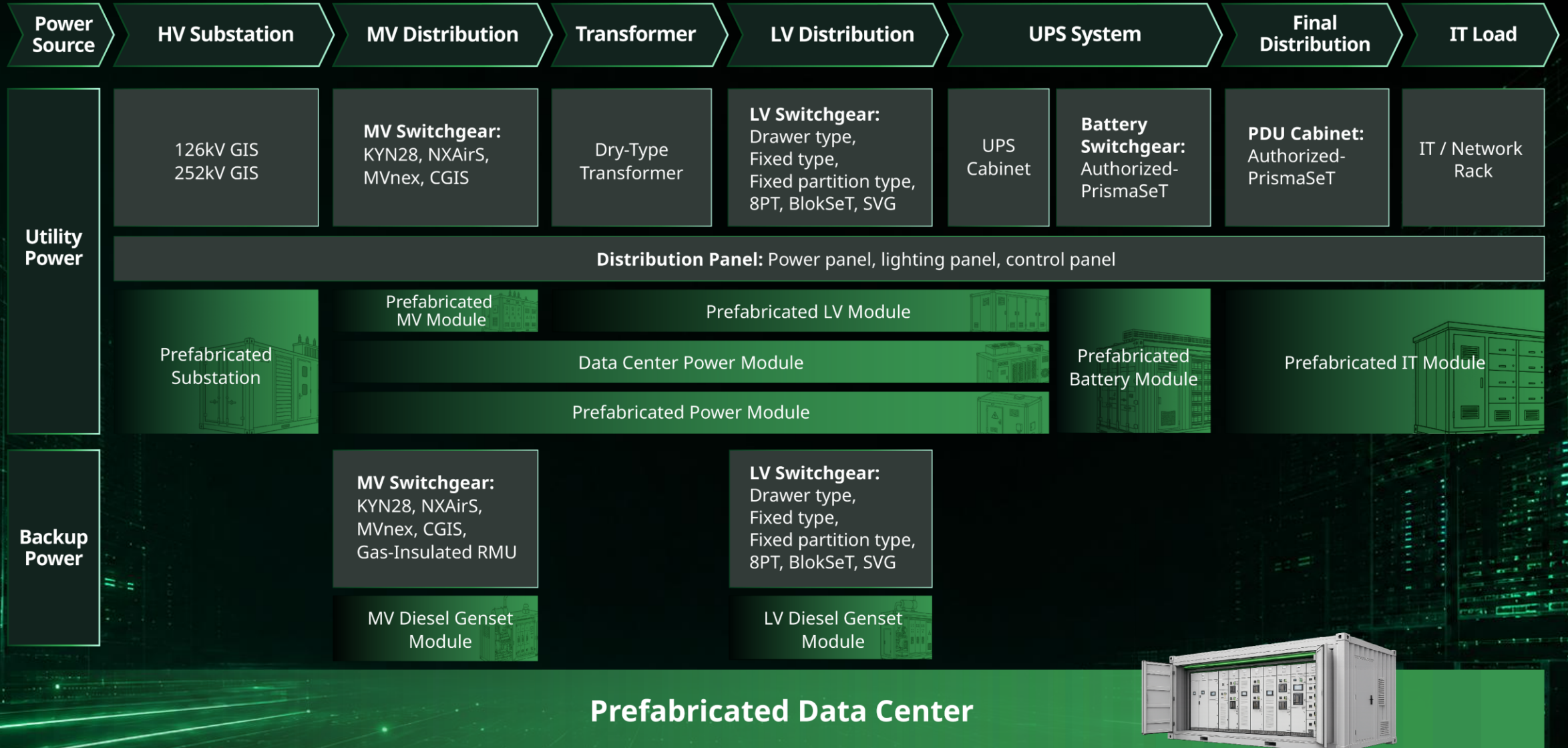
China Hong Kong Company
HK CEEPOWER TECHNOLOGY CO., LIMITED

Malaysia Center
(Kuala Lumpur)

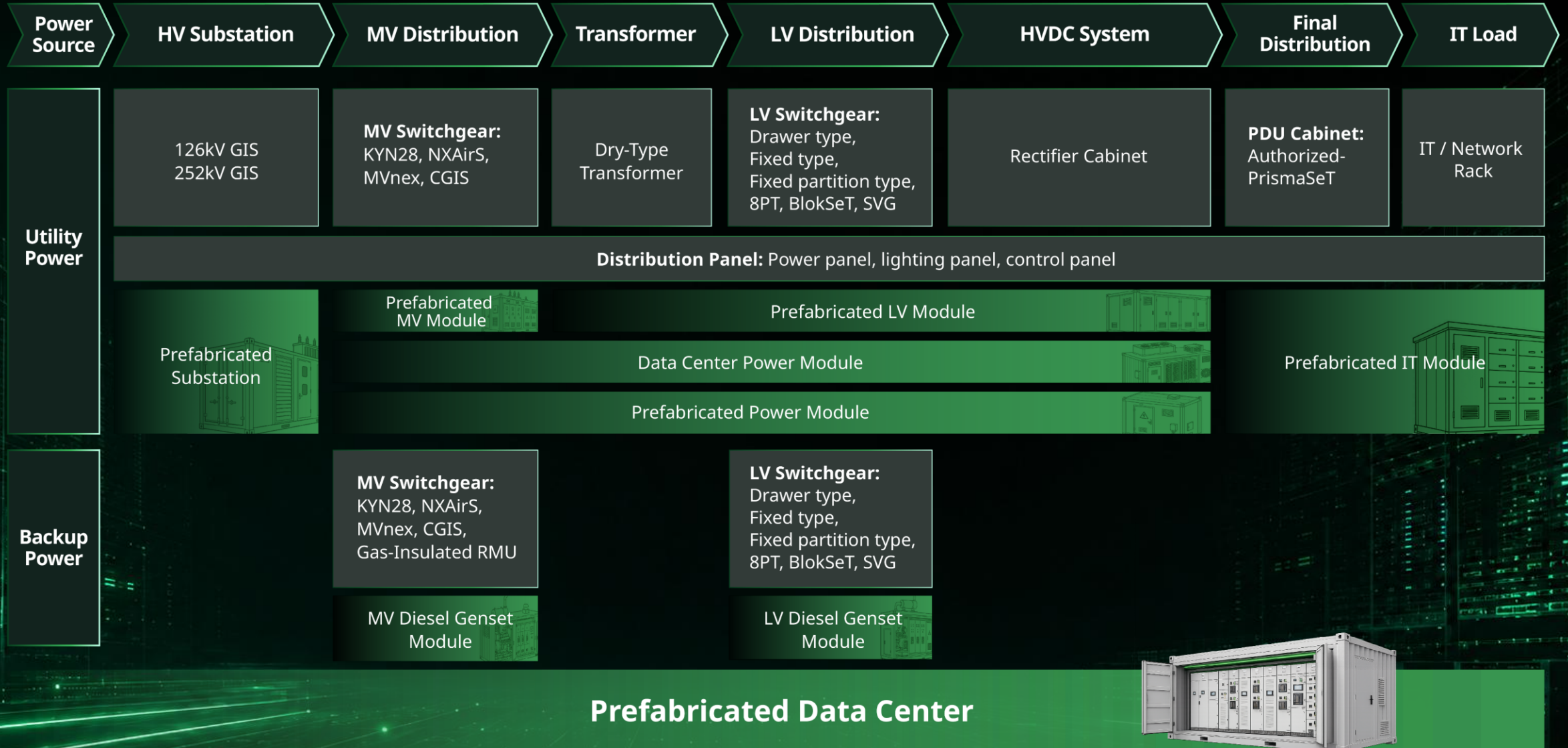
Mexico Center
(Mexico City)

Cayman Islands Company
(George Town)
CEEPower International Holding Corp.

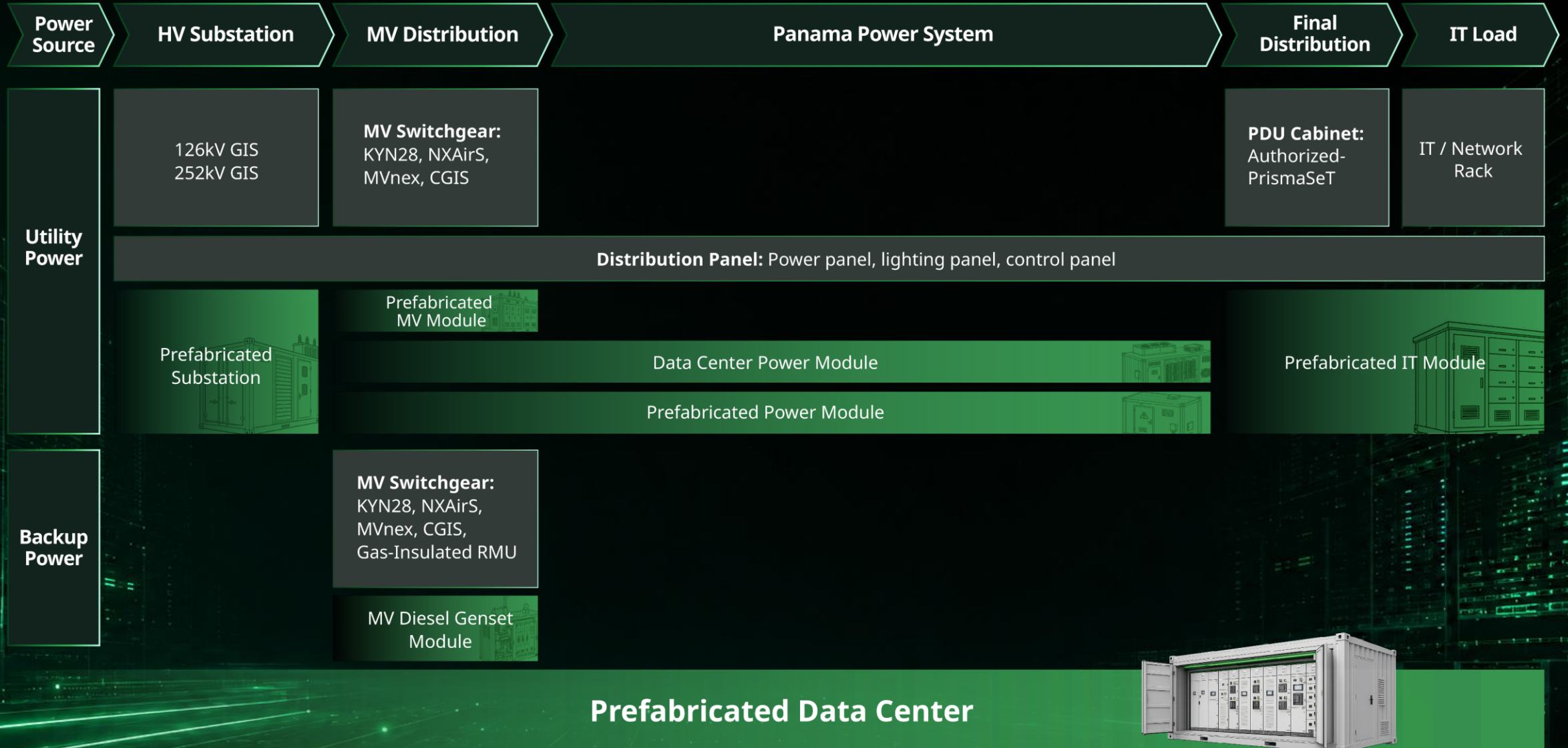
Data Center AC Power Solution



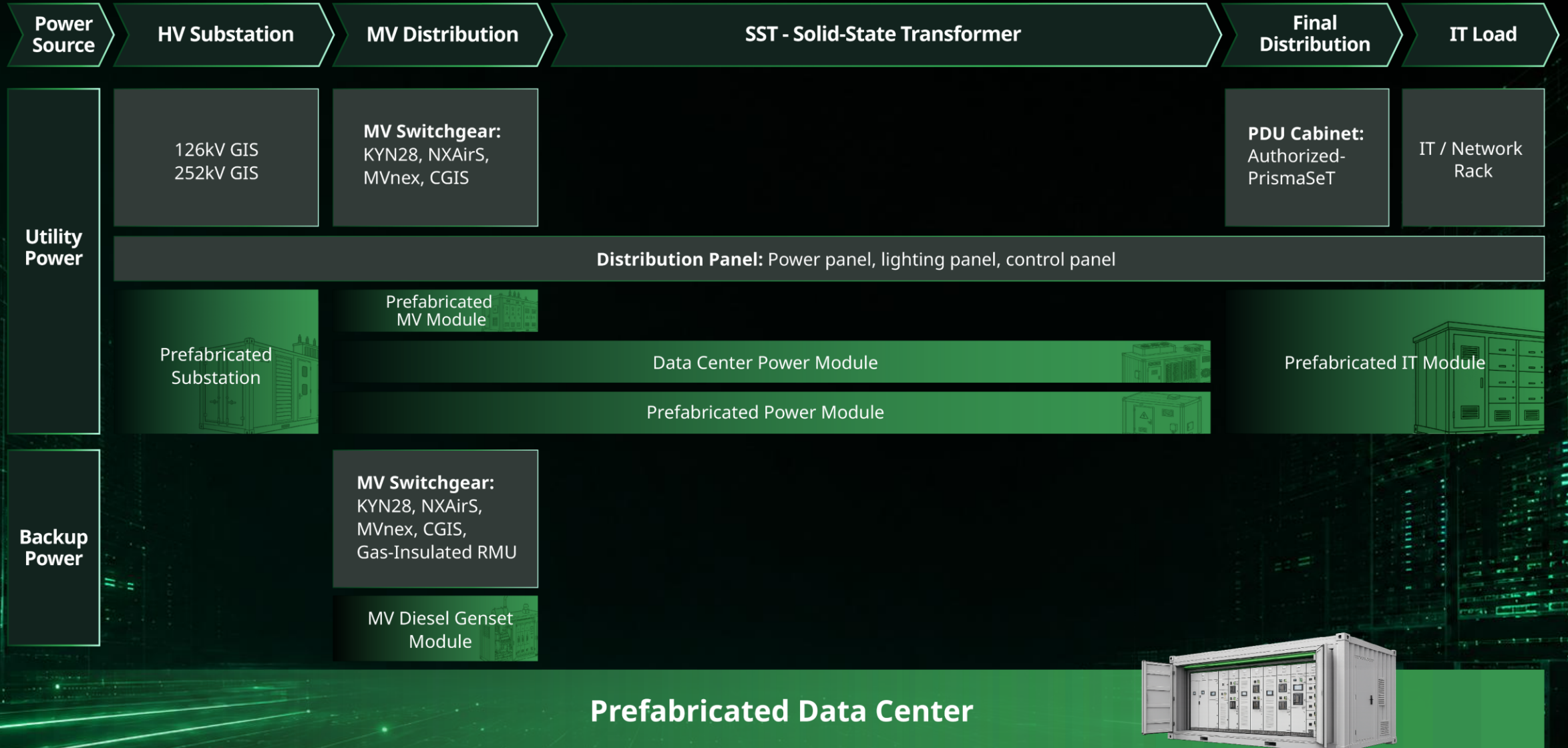
Data Center DC Power Solution



Data Center Panama Power Solution



Data Center SST System Power Solution





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CONTENTS

01



Typical Power
Architectures

02



CEEPOWER
Power Solutions

03



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Core Products

CEEPOWER Products for Data Center

MV Switchgear

- KYN28A-12
- MVnex-12 (Authorized by Schneider)
- NXAirSLP-12 (Authorized by Siemens)
- KYN61-40.5
- Customized Switchgear

LV Switchgear (AC)

- GCK
- GCS
- MNS
- GDF
- PDU Cabinet (AC)
- PrismaSeT (AC PDU Cabinet)
- BlokSeT (Authorized by Schneider)
- 8PT (Authorized by Siemens)

LV Switchgear (DC)

- PDU Cabinet (DC)
- Battery Switchgear
- Rectifier Cabinet
- PrismaSeT (DC PDU Cabinet)
- PrismaSeT (Battery Switchgear)

Distribution Box

- Distribution box series
- PrismaE (Authorized)

Transformer

- 10kV Transformer
- 35kV Transformer
- 110kV Transformer
- 220kV Transformer

RMU / C-GIS

- Air-insulated RMU (Authorized)
- SF6-insulated RMU (Authorized)
- SF6-insulated C-GIS
- Air-insulated C-GIS

Prefabricated Module

- Data Center Power Module
- Prefabricated Power Module
- HV Prefabricated Substation
- MV / LV Prefabricated Module
- Diesel Genset Module
- Customized Prefabricated Module

HV GIS

- 110kV / 145kV GIS
- 220kV / 245kV GIS

MV Switchgears



Designed for 10–35kV, 50Hz three-phase AC systems, our MV switchgear supports power receiving and distribution across utilities, energy storage, industry, data centers, and rail transit. The portfolio includes KYN28A-12, KYN61, and authorized Siemens NXAirS and Schneider Electric MVnex solutions.



LV Switchgears



Designed for 380V, 50Hz AC power distribution systems, our LV switchgear supports power conversion, distribution and control. The portfolio includes mature GDF, MNS, GCS and GCK solutions, covering fixed, withdrawable and compartmentalized configurations for data center and other LV distribution applications.

We are also authorized for Siemens 8PT and Schneider Electric BlokSeT LV switchgear. For data center applications, our LV portfolio also includes battery switchgear, row distribution cabinets and distribution boxes.



Ring Main Units



Compact, low-maintenance and resistant to environmental factors such as salt spray, condensation, contamination and small animals. Suitable for power distribution systems with high reliability requirements, including commercial centers, industrial parks, airports and highways.



Ring Main Units



Compact, low-maintenance and resistant to environmental factors such as salt spray, condensation, contamination and small animals. Suitable for power distribution systems with high reliability requirements, including commercial centers, industrial parks, airports and highways.

Product	SPEC
12kV Air-insulated RMU (Indoor & Outdoor)	630A~1250A
12kV Air-insulated RMU (Indoor & Outdoor) (Authorized)	630A
12kV SF6-insulated RMU (Indoor & Outdoor)	630A~1250A
12kV SF6-insulated RMU (Indoor & Outdoor) (Authorized)	630A
12kV Solid-insulated RMU (Indoor & Outdoor)	630A
12kV Air-insulated Compact Enclosed RMU	630A
12kV Air-insulated RMU (Indoor & Outdoor)	630A
24kV SF6-insulated RMU (Indoor & Outdoor)	630A
40.5kV SF6-insulated RMU (Indoor & Outdoor)	630A

Data Center Power Module



MV
Switchgear

Transformer
Panel

Incoming
Panel

PFC
Panel

UPS Input/Output
Panel

UPS Unit

Maintenance
Bypass Panel

UPS
Distribution
Panel



Power Distribution
Cabinet (PDC)



IT Rack



MV Switchgear



Transformer Cabinet



LV Switchgear



UPS Cabinet



Battery Switchgear

Data Center Power Module vs. Traditional System



4 Key Advantages



40%+ Less Space

High-density integration frees up space for IT equipment or green areas, reducing rental and construction costs.



97%+ Efficiency

Centralized design, efficient transformers and smart UPS operation reduce line losses, PUE and energy costs.



2 Weeks Delivery

Factory prefabrication, integration and testing enable fast plug-and-play deployment.



Minimal Downtime

Smart monitoring, early warning and online replacement support continuous operation.

Data Center Power Module vs. Traditional System



6 Key Differentiators

Data Center Power Module		Conventional Distribution
Power pooling supports supply continuity during module faults.	Reliability	Module faults may require supply switching.
Over 40% less space.	Footprint	Requires separate equipment areas.
Integrated design reduces cabling and installation costs.	Cost	More cables and switches increase costs.
Up to 97% efficiency.	Efficiency	Longer power paths increase losses.
About 75% faster deployment.	Deployment	Longer on-site installation and testing.
Centralized monitoring simplifies O&M.	O&M	Separate monitoring increases workload.

HV Prefabricated Substation

01

Integrates primary, secondary and auxiliary equipment into a factory-assembled, movable module with moisture, corrosion and thermal protection.

02

Standardized design, factory prefabrication, modular transport and fast installation.

03

Safe, efficient, resource-saving and environmentally friendly.

04

Suitable for power transmission and distribution, renewables, energy storage, data centers, petrochemicals and industrial applications. Voltage levels: 220kV, 110/66kV and 35kV.

HV Prefabricated Substation



Prefabricated HV GIS



Prefabricated Transformer



Prefabricated Switchgear



Prefabricated Secondary Equipment



Prefabricated Auxiliary Module



Prefabricated Auxiliary Module

Fast-Track Prefabricated Delivery

2-3 Months Overall Project Cycle · Save 100-200 Days

01

30-60 Days

Factory Fabrication

02

10-30 Days

Site Preparation
Civil Works

03

3-5 Days

Transportation to Site

04

15-25 Days

Installation
Cabling & Commissioning

Prefabricated Data Center



- Prefabricated Office Module
- Prefabricated Stair Module
- Prefabricated Corridor Module
- Prefabricated Control Center Module

- Data Center Power Module
- Prefabricated MV Module
- Prefabricated LV Module
- Prefabricated Power Module

Prefabricated Data Center

- Prefabricated Battery Module
- Diesel Generator Module

- Prefabricated IT Module
- Custom Functional Module

Prefabricated Power Solutions

Built for diverse applications, CEEPOWER's integrated design enables faster data center deployment and dependable performance.

Data Center



Urban Area



Rail Transit



Industrial



Renewable Energy



Semiconductor



Coal Industry



Offshore Wind



Temporary Power



High-Altitude Area



Cold Climate Area



Airport



Thank You!

Ceepower Data Center Power Solution
