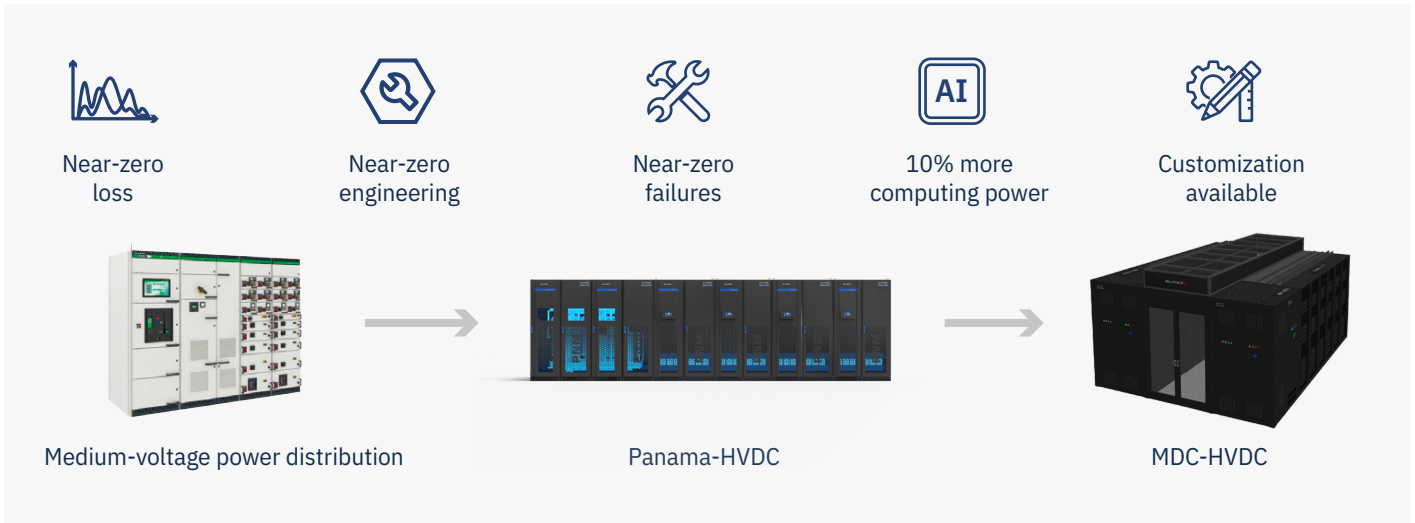


# Introducing SuperX Panama-HVDC



Panama-HVDC is 10KV-30KV uninterruptible power supply with DC/AC output. Through innovated integration of electric circuit and magnetic circuit, it optimizes both the power supply side and power distribution side for data centers. It has the characteristics of ultra-high power density, ultra-high efficiency, safety and reliability as well as prefabricated modular deployment, accurately matching the core construction concepts of simple, fast, intelligent and efficient for future data centers.

## Product Highlights



## Application industries and scenarios



Hyperscale



Financial institution



Security sector



E-government service



Life field



Energy field



Agriculture



Manufacturing

# Technical Specifications

Panama-HVDC Specifications	System Capacity	Maximum Output Power (Including Battery Charging)	Load Capacity	AC Cabinet	Estimated Dimensions	
Model Number	kVA	kW	kW	kVA	mm(W*D*H)	
SuperXMPS HVDC2000	2000	500*4	450*4	Expandable Optional Configurations	8850*1400*2300	(AC Cabinet Not Included)
SuperXMPS HVDC2500	2500	625*4	550*4	Expandable Optional Configurations	8850*1400*2300	(AC Cabinet Not Included)
SuperXMPS HVDC3100-AC300	3100	700*4	630*4	300	10250*1400*2300	(Including 1 AC Cabinet)
SuperXMPS HVDC5000	5000	1250*4	1250*4	Expandable Optional Configurations	10820*1400*2300	(AC Cabinet Not Included)
SuperXMPS HVDC10000	10000	2500*4	2500*4	Expandable Optional Configurations	9400*1400*2900	(AC Cabinet Not Included)

System Category		240V ~ 400V DC System	800V DC System
Parameter Analogy	Parameter Name	Description	Description
<b>System Capacity</b>		2.5MW,3.15MW	2.5MW,3.15MW
<b>AC Input</b>	Input Voltage Range	Three-Phase8.0~30kV	Three-Phase8.0~30kV
	Input Frequency	45~65Hz	45~65Hz
	iTHD	≤5%	≤5%
	System Power Factor	≥0.99	≥0.99
<b>DC Output</b>	Rated Output Voltage	270/380Vdc	800Vdc
	Voltage Regulation Accuracy	≤±0.5%	≤±0.5%
	Current Sharing Imbalance	≤±3%	≤±3%
	Power Supply Mode	Floating Power Supply	Floating Power Supply
	System Peak-to-Peak Noise	≤0.5%	≤0.5%
<b>Operating</b>	Environmental Requirements	Indoor/Containerized	Indoor/Containerized
	Storage Temperature Range	-40~70°C	-40~70°C
	Operating Temperature Range	-10~40°C	-10~40°C
	Atmospheric Pressure	70~106kPa	70~106kPa
<b>System Protection</b>	Protection Level	IP20	IP20
<b>Cooling Method</b>	Heat Dissipation Method	Fan Air Cooling	Fan Air Cooling
<b>Wiring Method</b>	Battery/Load Installation Method	Top-Inlet & Top-Outlet	Top-Inlet & Top-Outlet

## Contact Us and Get Started