

Modular high frequency online UPS



atlantic power group
an ATLANTIC POWER GROUP company
Mexico DF - Sao Paulo - Madrid - Istanbul - Kuwait - Hong Kong - Melbourne



ISO 9001:2008 - ISO 14001:2015 - OHSAS 18001:07
CERTIFICATE No. 20-250-054277-C

HOFE UPS (10KVA-300KVA)

Power Availability



Features:

- Output power factor is 0.9
- module structure, be compose from 1 to 10 modules.
- redundant and scalable system, it can be upgraded according to your requirement.
- N + X redundancy, reliable performance.
- Share battery pack.
- Green and clean power, Input THDI \leq 5%.
- Input PF \geq 0.99.
- Small size, light weight.
- Easy maintenance, free replacement of the module.
- System controller for communication and diagnosis.
- Adopt centralized Static Switch module.

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YOUR POWER QUALITY PARTNER

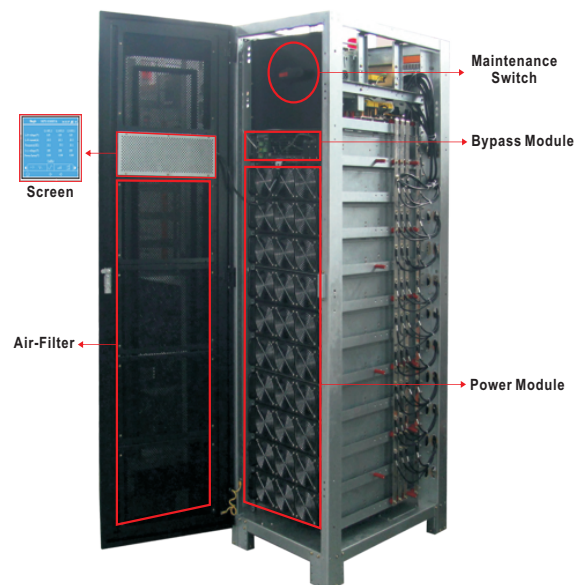
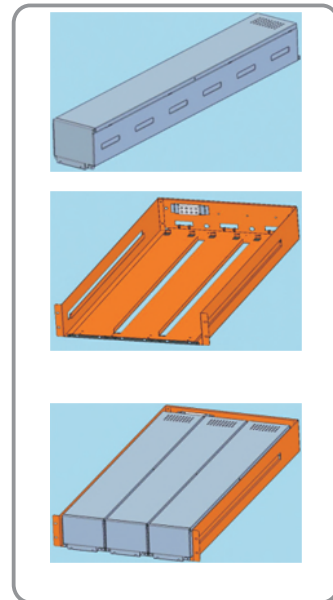
HOFE series UPS system structure is extremely flexible, the concept of power modular designing can be easily removed at runtime and installed without affecting system operation and output, implement investment planning with the need to expand, allowing users to achieve dynamic growth with business development, it saves customer's costs for initial equipment purchasing and future expansion.

HOFE series UPS can solve the problems effectively, help user to carry out construction and investment in phase under the condition that future development direction is not clear. When users want to add load to the UPS, only adding the required number of modules for expansion.

Major Applications

- Information Technology
 - Data Centers
 - Servers (LAN, WAN, MAN, ERP, e-mail, web and others)
 - Networking
- Telecommunication
 - Mobile (2G, 2.5G, 3G)
 - Paging
 - Fixed (including WLL)
- Industrial Automation
 - Process (including instrumentation)
 - Motion (digital drives & robotics) and motor loads
- Transport Automation
 - Airport automation and flight booking
 - Others including railways & road transport automation & ticket booking
- Banking, Insurance and Financial Services
- Software Development Houses / Software Technology Parks (STP)
- Building Automation
 - Access Control
 - Security System
 - Fire Alarm System
 - Emergency Lighting
 - Other Critical Applications
- Medical Diagnostics
 - Magneto Resonant Imaging
 - CT Scanning
 - CathLab
- Satellite
 - Uplinking
 - Earth Stations

Hot-swap Battery Module:





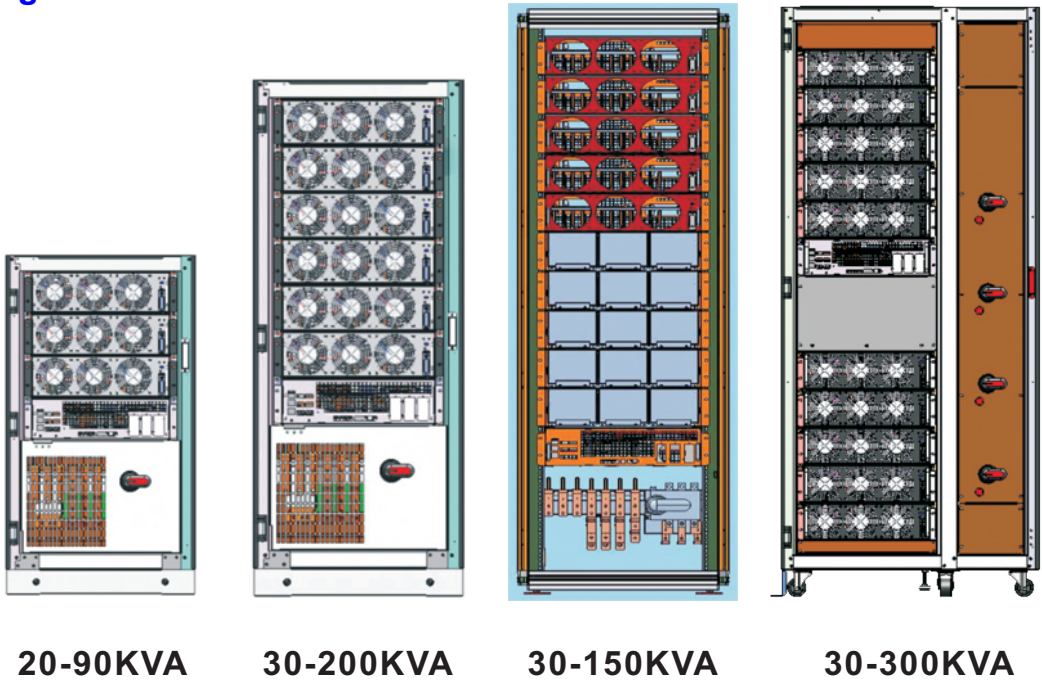
Static switch module

- System standard configuration module
- Adop SCR and AC contactor in parallel
- High reliability, strong overload ability: 1000% for 1min
- Transfer time less than 4ms
- Have strong self-test , inter-lock and full-protection function

Power module

- Freedom choice of capacity configuration according demand, easy to expand
- Online double-conversion design to ensure the output quality
- Each module has independent digital intelligent control
- Each module can work independently
- Each module has a separate charging system
- All modules can be hot-swappable , easy for online maintenance

Configuration



WE HELP YOU GET IT RIGHT - RIGHT FROM THE START.

HOFE UPS (10KVA-300KVA)

Power Availability

Specifications

Model	HOFE 10-300KVA		
Capacity	10-300KVA		
Main input			
Input voltage	220V/380V/400V/415V(Optional South America 208V)		
Input Frequency	50/ 60Hz		
Power Factor	>0.99		
THDi	THDi<3%		
Voltage Ranges	-20%~+15%		
Frequency Range	40-70Hz		
Battery			
Battery Voltage	±240VDC(Default), 12V Battery 30~40pcs can be choose		
Charge Voltage accuracy	±1%		
Bypass			
Bypass Voltage	220V/ 380V/400V/415V		
Voltage Range	-20%~+15%		
Overload Capacity	150%,long term operation, 150%<load<180%,more than 1 hour, load>1000% 100ms		
Output			
Output Voltage	220V/ 380V/400V/415V		
Voltage Accuracy	±0.5% (balanced load) , ±1% (unbalanced load)		
THDi	THD<1% (linear Load) , THD<3% (nonlinear load)		
Power Factor	0.9		
Three Phase Angle accuracy	120° ±0.5°		
Current Crest Ratio	3: 1		
Overload Capacity	105%≤ load < 110% for 60mins, 111%≤load < 125% for 10±0.1mins, 125%≤ load <150% for 1 min		
Transfer Time	0ms,15ms(ECO Mode)		
System			
System Efficiency	up to 96%(linear load)		
Battery Inverter Efficiency	up to 96%(linear load)		
Protection Level	IP20		
Communication Ports	RS232, RS485, dry contact, SNMP card, EPO, generator port		
Installation/Connection	Top or bottom cable connection		
Operation Temperature	0-40°C		
Storage Temperature	-25°C ~ 70°C		
Humidity	0-95% (no-condensing)		
Noise (dB)	<55dB		
	5 module cabinet	module :RMS050/10,RMS0100/20,RMS150/30	150KG
	10 module cabinet	module :RMS100/10,RMS0200/20,RMS300/30	180KG
	module: PM10	10KVA power module: 20KG	
	module: PM20	20KVA power module: 21KG	
	module: PM30	30KVA power module: 32KG	
	5 module cabinet	600*1400*830	
	10 module cabinet	600*2000*830	
	power module	440*132*660(10KVA/20KVA/30KVA)	

STANDARD: Conform to EMC/IEC; FCC Part 15 Class A; IEC61000-3-12; EN 61000-4-2-3.4..6. Level III; EN 61000-4-5 Level IV

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