

HICONICS

美的工业技术

北京康新能科技股份有限公司

HICONICS

合康新能-绿色能源引领者

HC1000

HC1000W

HC1000S

HC2000

01-12

HC1000S/HC1000

HC1000	01
HC1000S	03
	05
	07

21-30

HC2000

21
22
27
29
30

13-20

HC1000W

13
15
18
20

31-36

33
34
34
37
38

HC1000

HC1000系列高

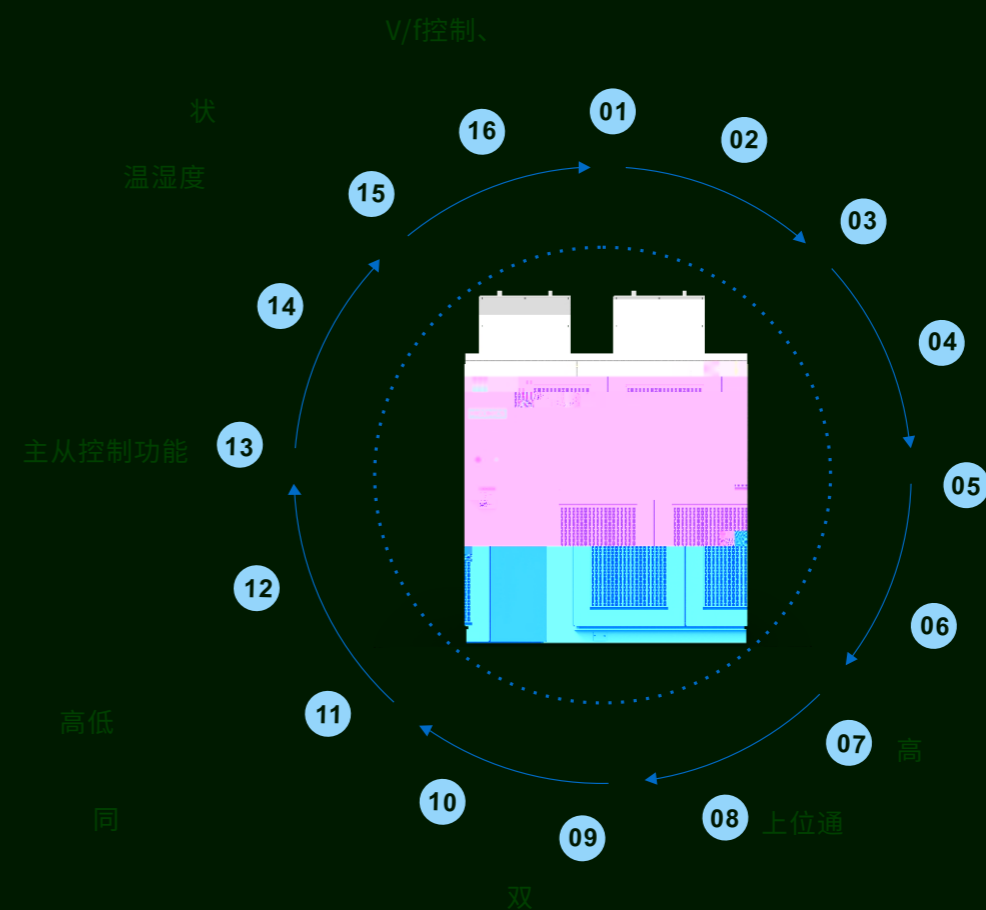
IEEE STD 519-2014和GB/T 14549-1993



98.5%

50%
共模电压

35%
VTHD



HC1000S / HC1000

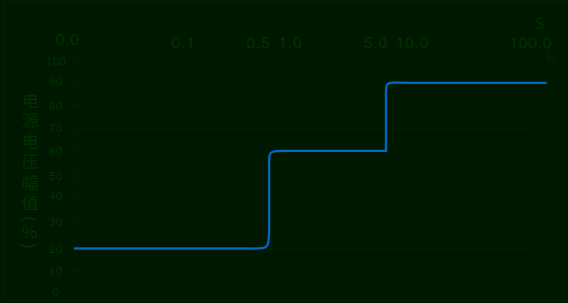
产品优势

1



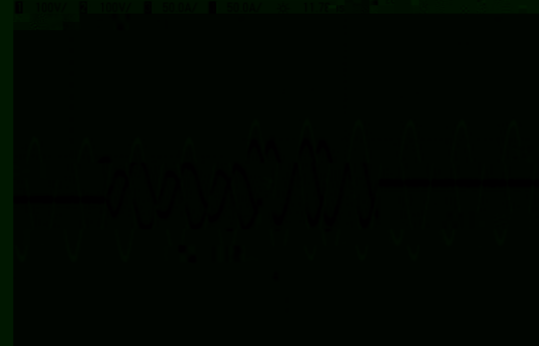
2

10%~+10%)



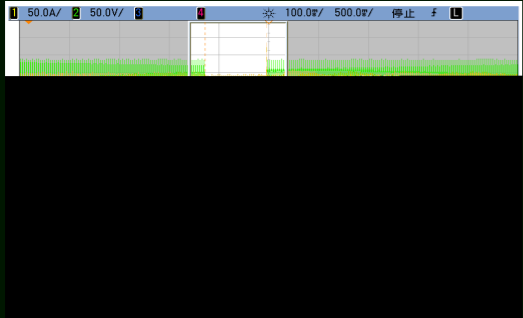
3

19



HC1000

VCF4



HC *****_*_****_****/*****

HC

1000: 通用系列
 2000: 四象限系列
 4000: IGCT/HV-IGBT 通用系列

00400:40

060:6kV,10

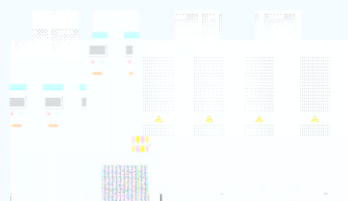
(与

S: W: ...

HC1000S 210-950kVA

HC1000S 11kV, 10kV, 6.6kV, 6kV, 4.16kV, 3.3kV

HC1000 10kV 6kV



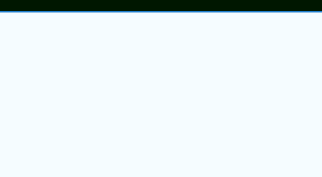
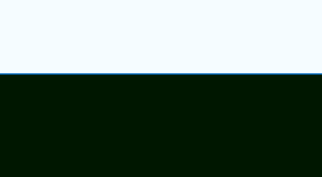
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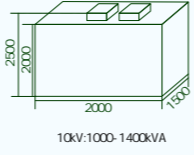
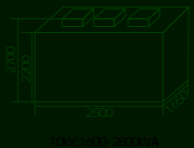
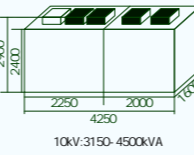

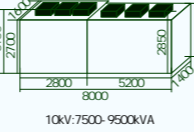
4.16kV变频器单面柜(HC1000S)

(kW)	(kVA)			kg	W× D× H(mm)
210	360	HC1000S-416/00360	HPU10/A1M1*A	2331	
260	430	HC1000S-416/00430	HPU10/A2M1*A	2411	
320	520	HC1000S-416/00520	HPU10/A3M1*A	2511	
360	650	HC1000S-416/00650	HPU10/A4M1*A	2581	
420	720	HC1000S-416/00720	HPU10/A5M1*A	2611	
470	790	HC1000S-416/00790	HPU10/A6M1*A	2661	
530	660	HC1000S-416/00660	HPU10/B1M1*A	2952	
620	780	HC1000S-416/00780	HPU10/B2M1*A	3084	
670	840	HC1000S-416/00840	HPU10/B3M1*A	3187	
780	980	HC1000S-416/00980	HPU10/B4M1*A	3228	
890	1110	HC1000S-416/01110	HPU10/B5M1*A	3392	
940	1180	HC1000S-416/01180	HPU10/B6M1*A	3493	
1040	1300	HC1000S-416/01300	HPU10/C101*A	4080	
1170	1400	HC1000S-416/01400	HPU10/C201*A	4280	
1330	1600	HC1000S-416/01600	HPU10/C301*A	4430	
1490	1800	HC1000S-416/01800	HPU10/C401*A	4630	

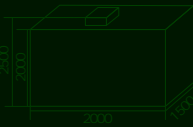
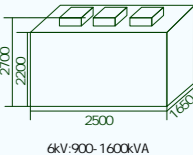
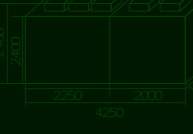
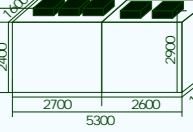

3.3kV (HC1000S)

(kW)	(kVA)			kg	W× D× H(mm)
170	210	HC1000S-033/00210	HPU10/A1M1*A	2236	
210	260	HC1000S-033/00260	HPU10/A2M1*A	2286	
250	310	HC1000S-033/00310	HPU10/A3M1*A	2336	
290	360	HC1000S-033/00360	HPU10/A4M1*A	2406	
330	420	HC1000S-033/00420	HPU10/A5M1*A	2486	
380	470	HC1000S-033/00470	HPU10/A6M1*A	2556	
420	530	HC1000S-033/00530	HPU10/B1M1*A	3114	
490	620	HC1000S-033/00620	HPU10/B2M1*A	3186	
540	670	HC1000S-033/00670	HPU10/B3M1*A	3228	
620	780	HC1000S-033/00780	HPU10/B4M1*A	3439	
700	880	HC1000S-033/00880	HPU10/B5M1*A	3472	
750	940	HC1000S-033/00940	HPU10/B6M1*A	3543	
830	1030	HC1000S-033/01030	HPU10/C101*A	3620	
930	1160	HC1000S-033/01160	HPU10/C201*A	3730	
1060	1320	HC1000S-033/01320	HPU10/C301*A	3930	
1180	1480	HC1000S-033/01480	HPU10/C401*A	3980	

10kV (HC1000)

	(kW)	(kVA)			kg	W× D× H(mm)		
(B)	315	400	HC1000-100/03400	HPU10/A1M1*A	2316			
	350	450	HC1000-100/03450		2346			
	400	500	HC1000-100/03500		2383			
	450	560	HC1000-100/03560		2430			
	500	630	HC1000-100/03630		2482			
	560	700	HC1000-100/03700		2540			
	630	800	HC1000-100/03800		2719			
	710	900	HC1000-100/03900		2875			
(8)	800	1000	HC1000-100/01000	HPU10/A4M1*A	3062			
	900	1150	HC1000-100/01150	HPU10/A5M1*A	3192			
	1000	1250	HC1000-100/01250		3258			
	1120	1400	HC1000-100/01400	HPU10/A6M1*A	3409			
(B)	1250	1600	HC1000-100/01600	HPU10/B1M1*A	4390			
	1400	1800	HC1000-100/01800	HPU10/B2M1*A	4640			
	1600	2000	HC1000-100/02000	HPU10/B3M1*A	4940			
	1800	2250	HC1000-100/02250	HPU10/B4M1*A	5270			
	2000	2500	HC1000-100/02500	HPU10/B5M1*A	5624			
	2250	2800	HC1000-100/02800	HPU10/B6M1*A	5916			
	(8)	2500	3150	HC1000-100/03150	HPU10/C1D1*A		7678	
		2800	3500	HC1000-100/03500	HPU10/C2D1*A		8188	
3150		4000	HC1000-100/04000	HPU10/C3D1*A	8958			
3550		4500	HC1000-100/04500	HPU10/C4D1*A	9308			
(B)	4000	5000	HC1000-100/05000	HPU10/D1D1*A	11358			
	4500	5600	HC1000-100/05600	HPU10/D2D1*A	11928			
	5000	6300	HC1000-100/06300	HPU10/D3D1*A	12658			
	5600	7000	HC1000-100/07000	HPU10/D4D1*A	13758			
	(8)	6300	7500	HC1000-100/07500	HPU10/E1D1*A		15277	
		7100	8500	HC1000-100/08500	HPU10/E2D1*A		16017	
8000		9500	HC1000-100/09500	HPU10/E2D1*A	16257			

6kV变频器(HC1000)

	(kW)	(kVA)			kg	W× D× H(mm)		
(B)	250	315	HC1000-060/00315	HPU10/A1M1*A	1969			
	315	400	HC1000-060/00400	HPU10/A2M1*A	2094			
	400	500	HC1000-060/00500	HPU10/A3M1*A	2154			
	450	560	HC1000-060/00560	HPU10/A4M1*A	2269			
	500	630	HC1000-060/00630		2349			
	560	700	HC1000-060/00700	HPU10/A5M1*A	2424			
	630	800	HC1000-060/00800	HPU10/A6M1*A	2464			
	(5)	710	900	HC1000-060/00900	HPU10/B1M1*A		3550	
800		1000	HC1000-060/01000	HPU10/B2M1*A	3678			
900		1150	HC1000-060/01150	HPU10/B3M1*A	3758			
1000		1250	HC1000-060/01250		3880			
1120		1400	HC1000-060/01400	HPU10/B4M1*A	4084			
1250		1600	HC1000-060/01600	HPU10/B5M1*A	4396			
(B)	1400	1800	HC1000-060/01800	HPU10/C1D1*A	5590			
	1600	2000	HC1000-060/02000	HPU10/C2D1*A	5758			
	1800	2250	HC1000-060/02250	HPU10/C3D1*A	5978			
	2000	2500	HC1000-060/02500	HPU10/C4D1*A	6140			
	(5)	2250	2800	HC1000-060/02800	HPU10/D1D1*A		8358	
		2500	3200	HC1000-060/00032	HPU10/D2D1*A		8958	
2800		3500	HC1000-060/003500	HPU10/D3D1*A	9858			
3150		4000	HC1000-060/04000	HPU10/D4D1*A	10758			
3550		4500	HC1000-060/04500	HPU10/E1D1*A	10965			
(5)	4000	5000	HC1000-060/05000	HPU10/E1D1*A	11205			
	4500	5600	HC1000-060/05600	HPU10/E2D1*A	12245			

HC1000W

HC1000W

27700kW

5000-27700kW

5000-27700kW

100

78000h

01

02

03

04

05

01

02

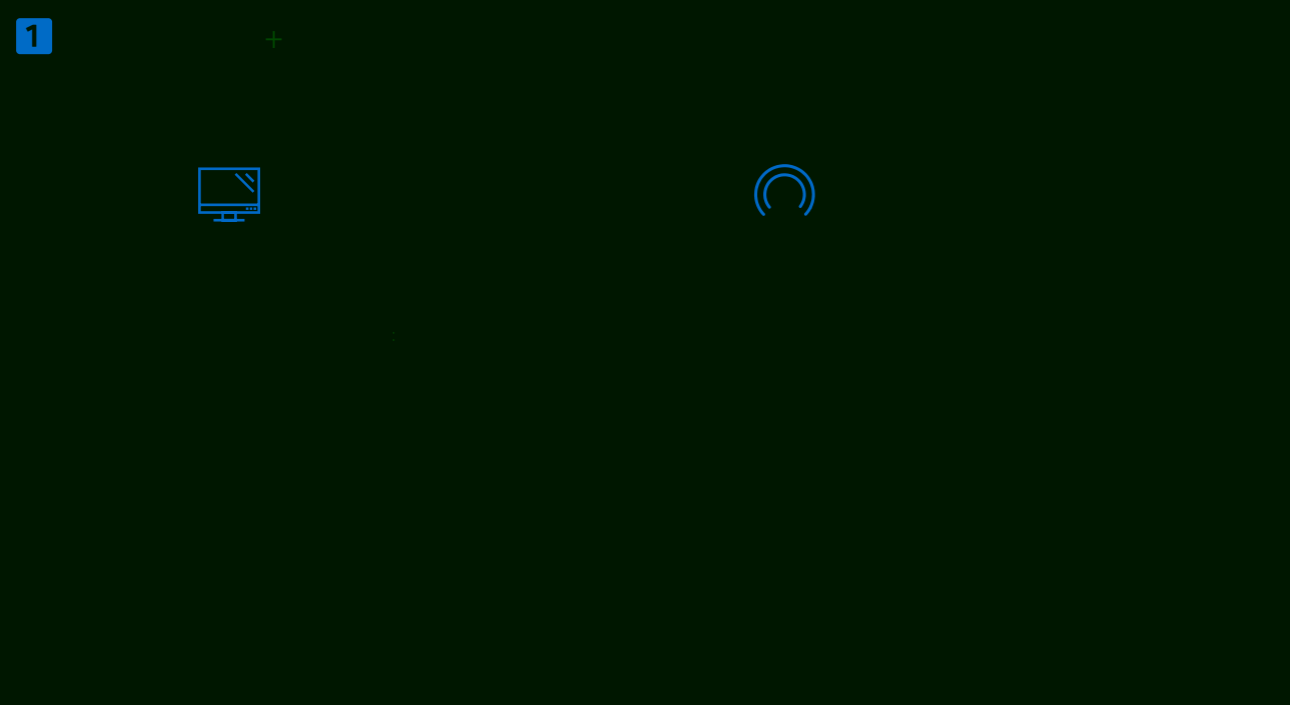
03

04

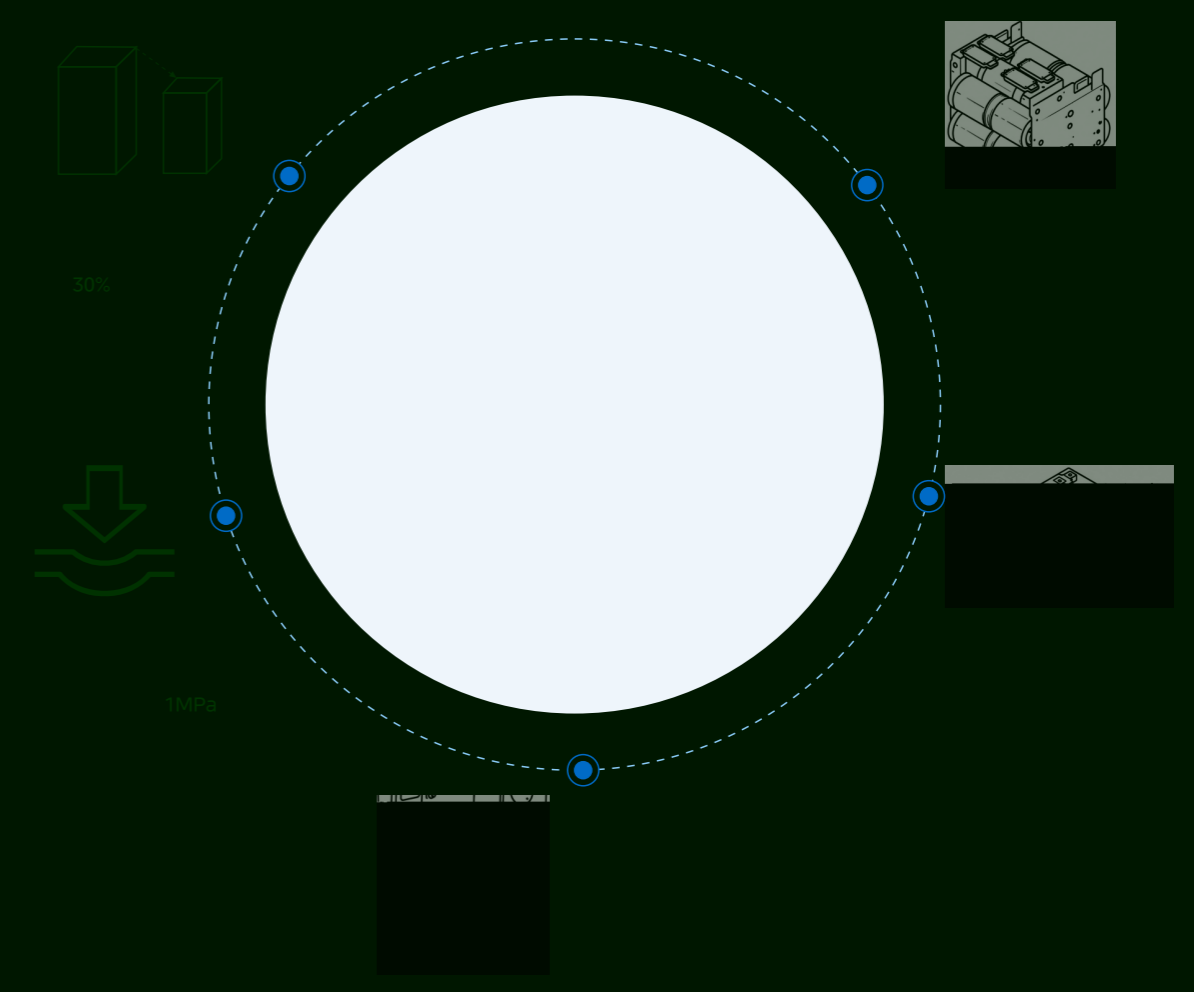
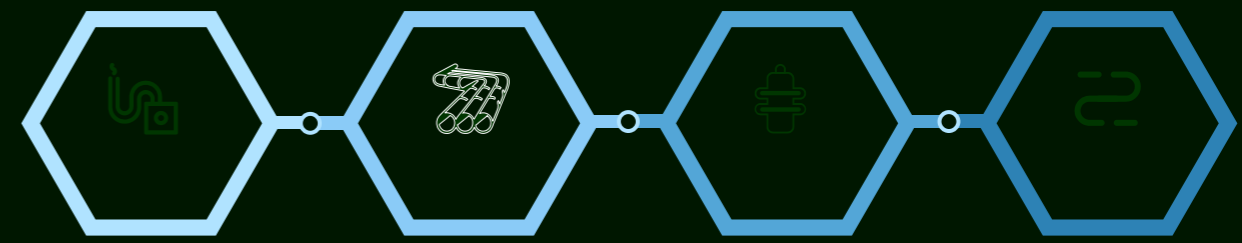
05

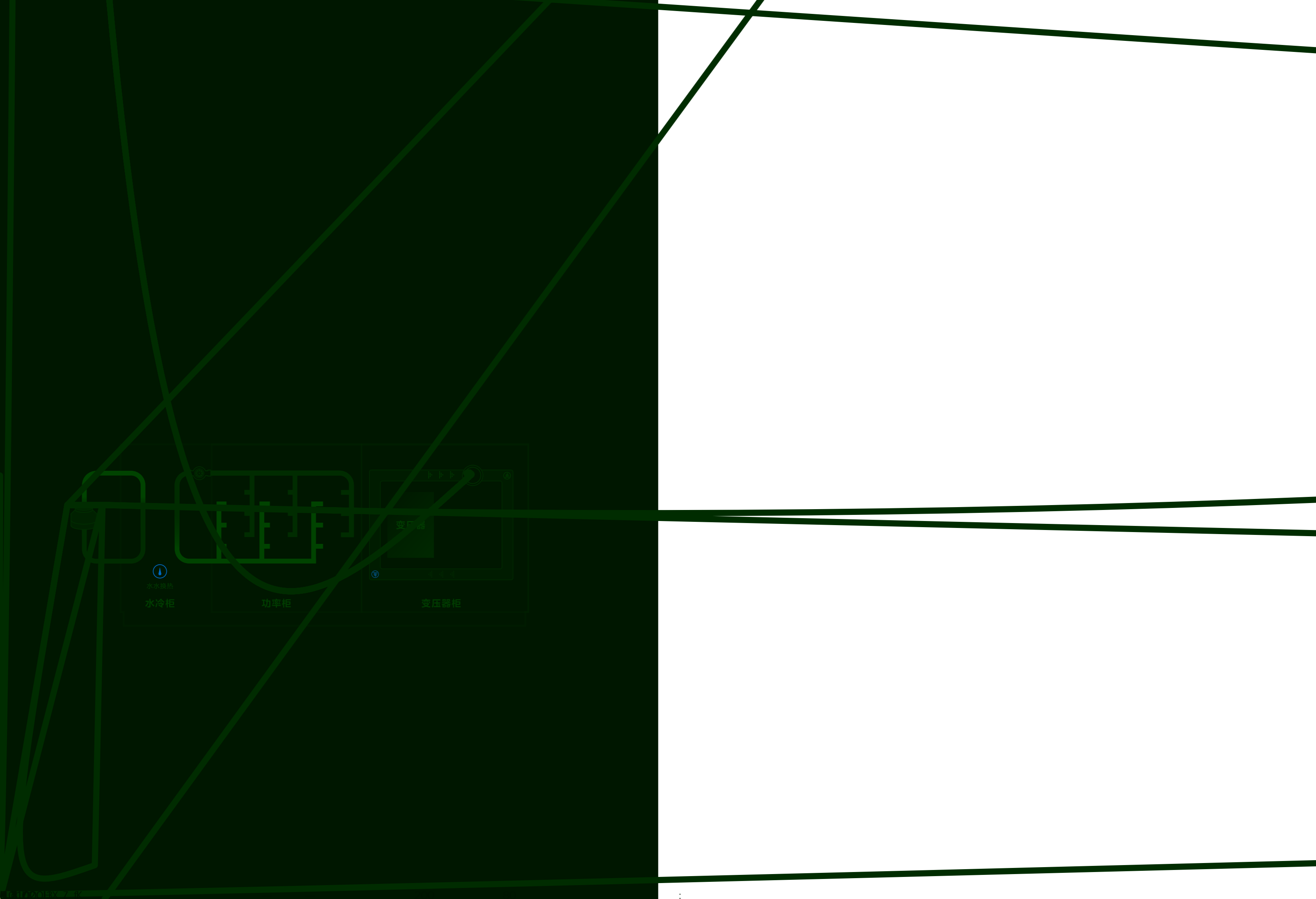
HC1000W

水冷系列各柜体功能优势



2

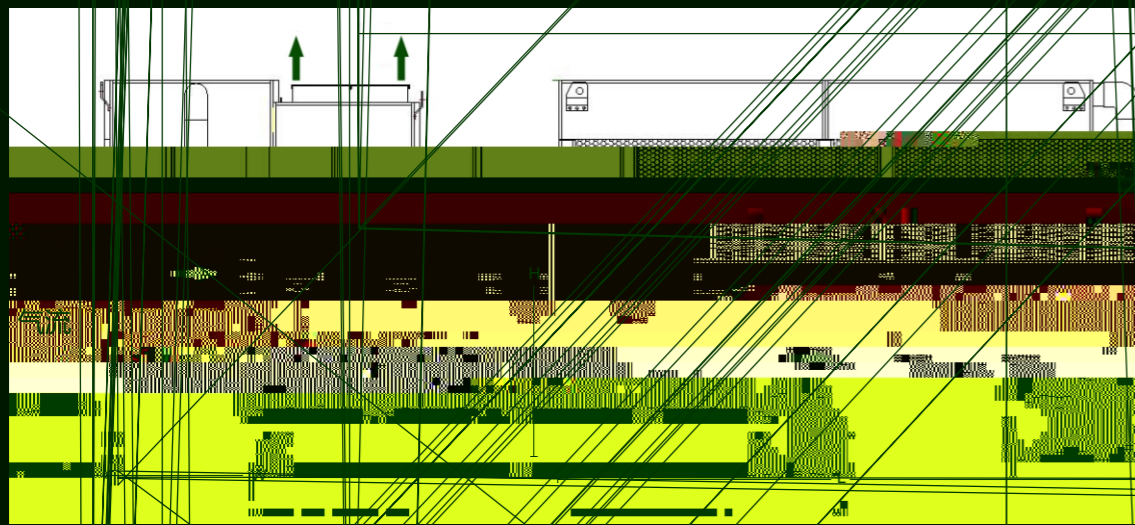
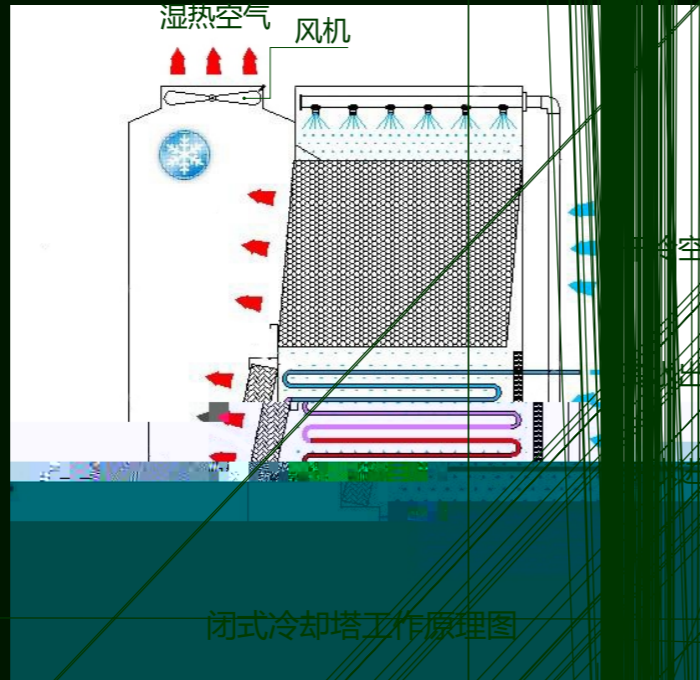




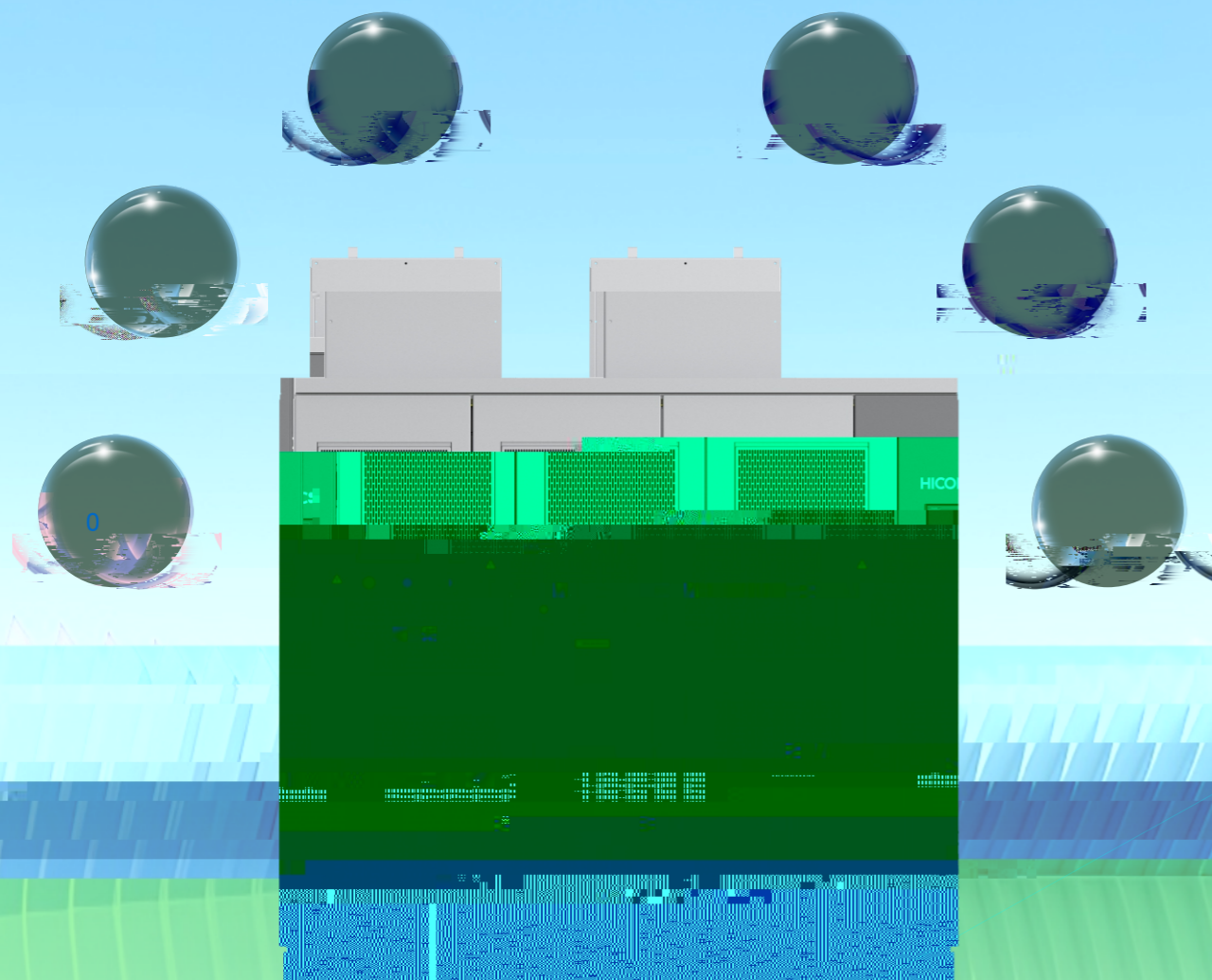
水水模块
水冷柜

功率柜

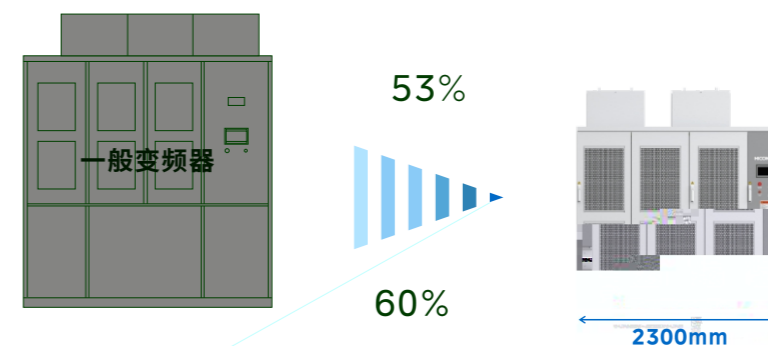
变压器
变压器柜



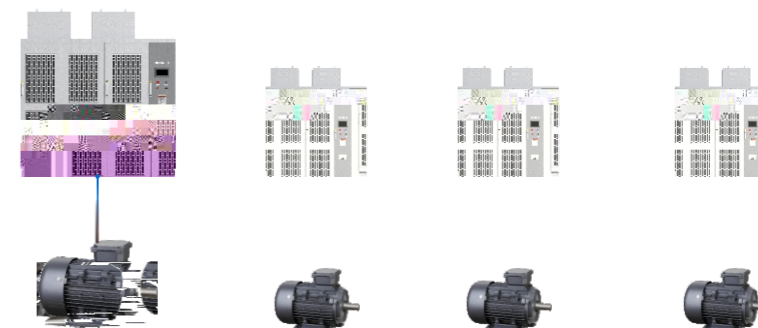
HC2000



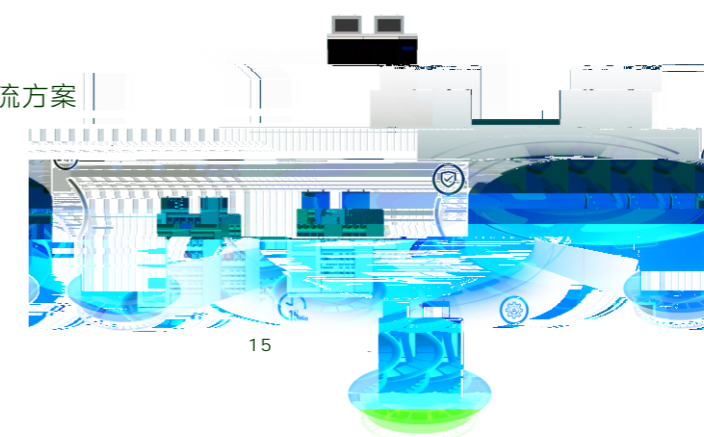
功率密度提升53% 宽度降幅60%以上



具有双机或多机联动功能，可确保负载均匀分配至各电机，实现高效果稳定运行。



单人**15min**快速维护
功率单元采用无电抗器整流方案



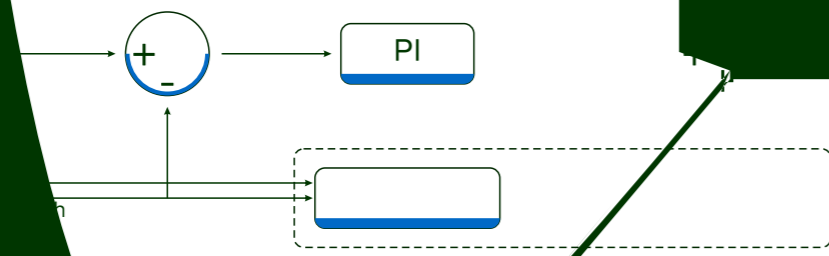
定与安全的不懈追求



,HC2000

Control, TPC)

Feed-Forward Compensation, FFC)



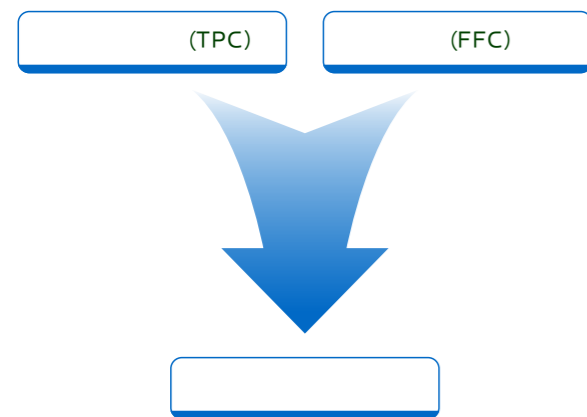


HC2000

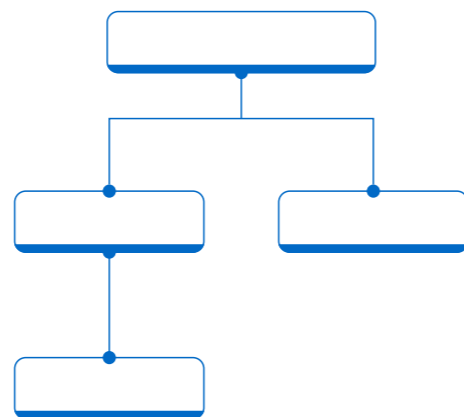
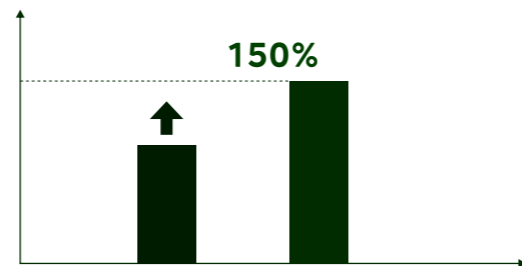


HC2000

HC2000



HC2000

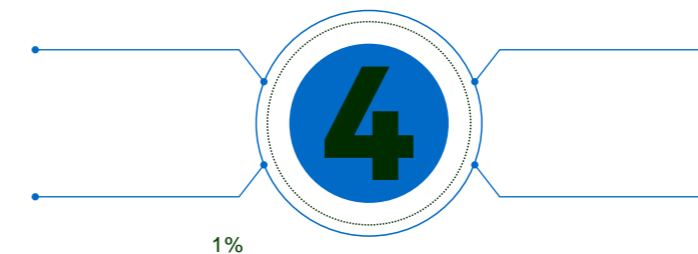


HC2000



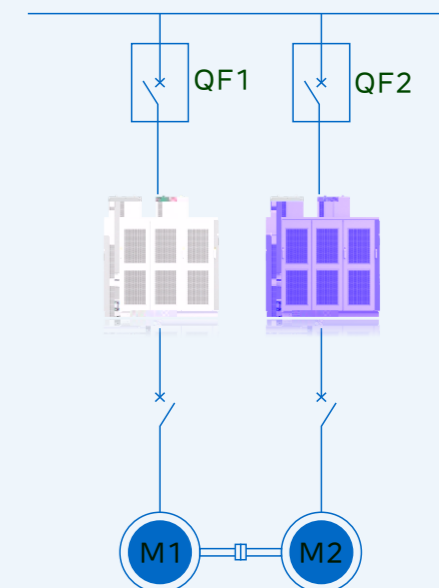
HC2000

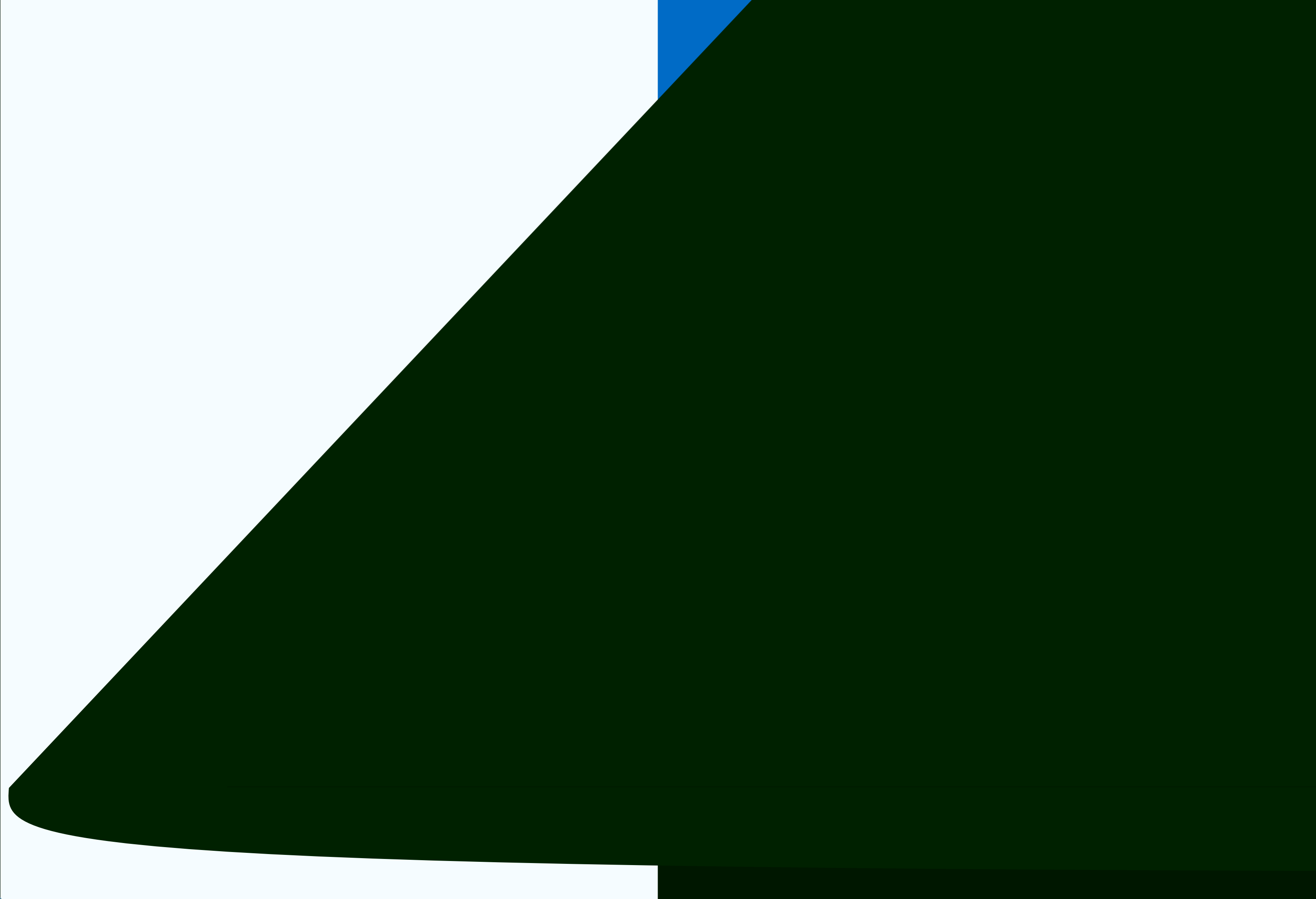
HC2000



-
- HC2000
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-
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-
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VF
-HC DriveSight





200
出货量

2020
加入美的集团

5000⁺
服务客户数量

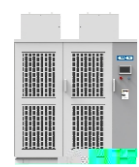
1000⁺
人工数量

2003 2010 2020 500 —
20

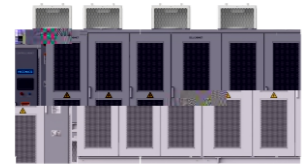
Full power range product coverage

2013

200+万台



HC1000



HC1000S



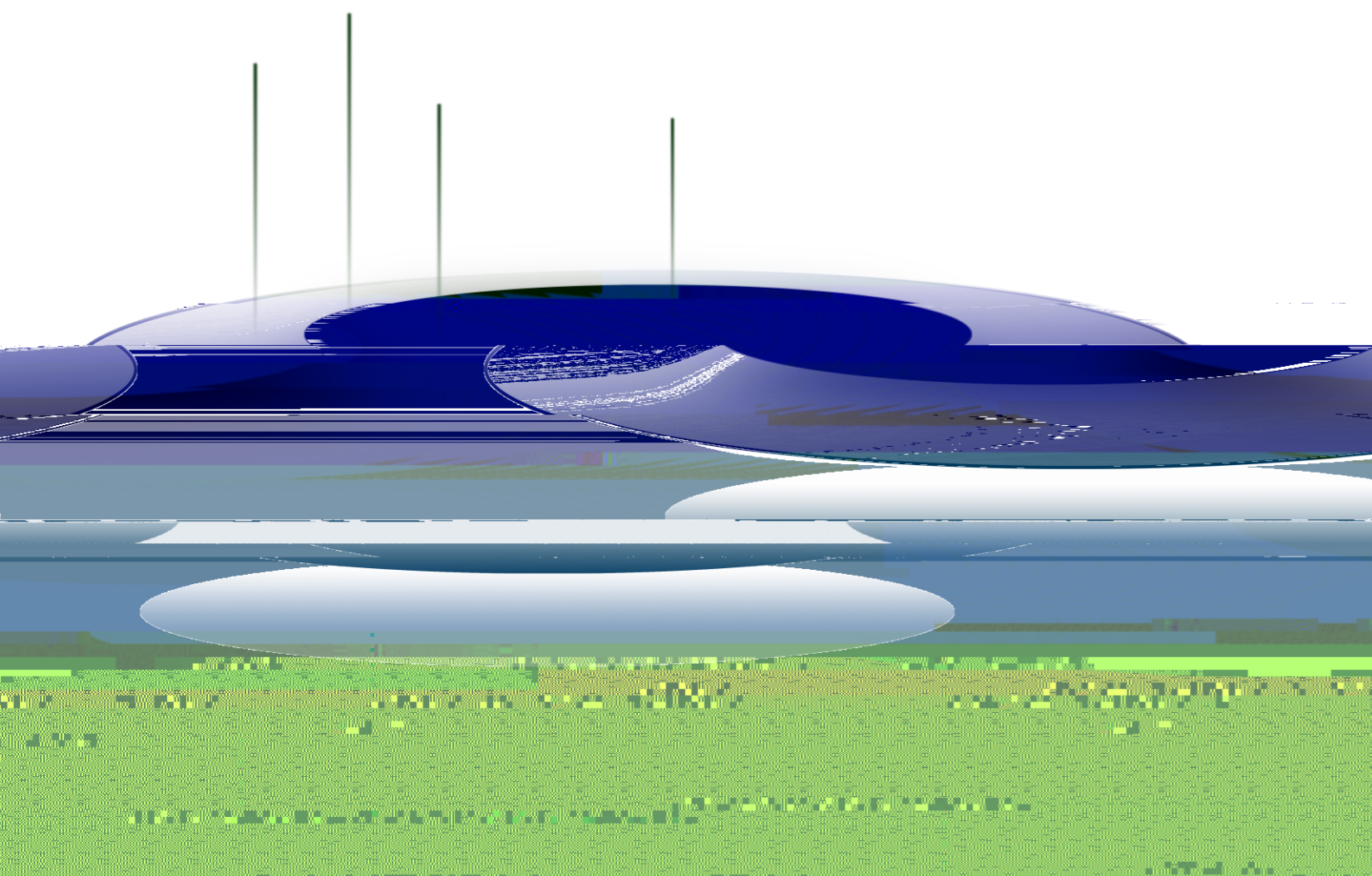
HCH100

HC2000

HC1000W

合康以尖端技术研究和深厚人才库为支撑，在成立之初就率先在国内市场推出高性能水冷变频器，并开创性地建立了行业内首个对拖实验与高压变频整机测试平台。同时，借助美的集团的全球研发网络和生产能力，产品交付效率和品质，得到进一步提升，巩固了在新能源与工控行业的领先地位。

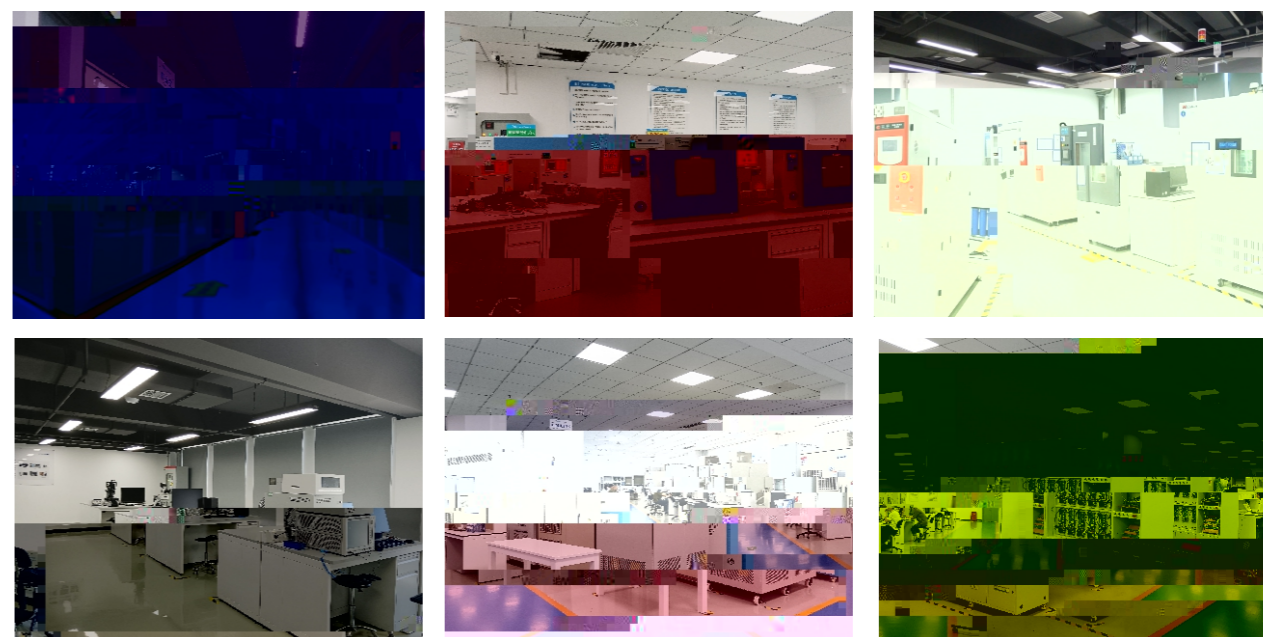
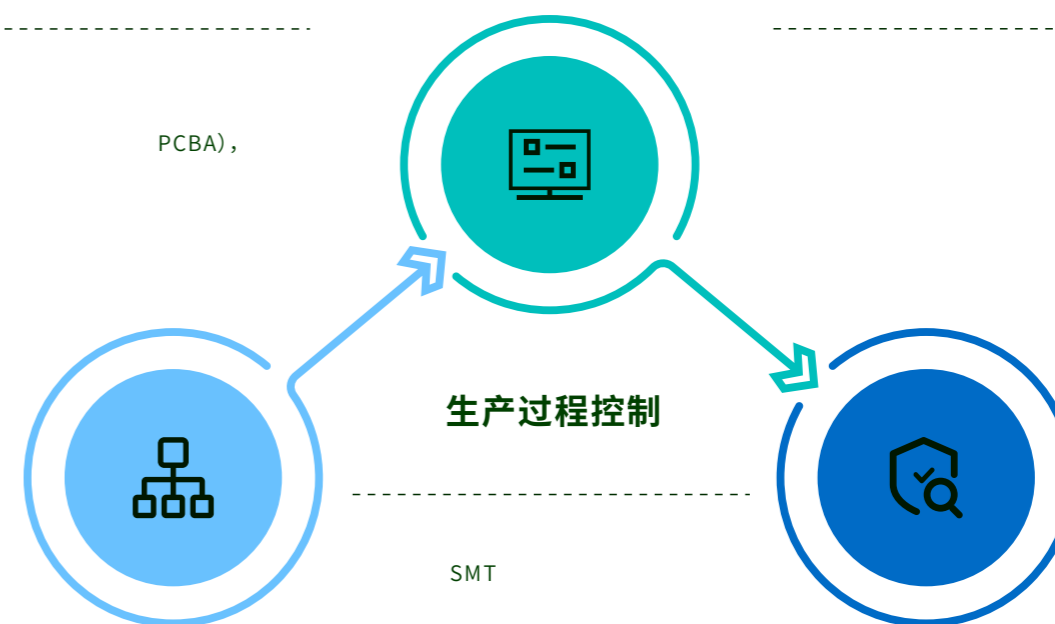
我们深刻理解用户稳定增效的现实需求，提供“备件储备”、“预防性维护”、“深度保养维护”、“老化元器件升级”、“整体换新”五大类型的变频器全生命周期管理服务，以满足客户的个性化需求。从设备售出起，我们将全程护航，确保设备全生命周期高效运行，助您降本增效！



Full Life Cycle Quality Control

软、硬件质量控制

成品质量控制



5000⁺
战略合作伙伴



3600⁺ /



5000



13

300000⁺ /

