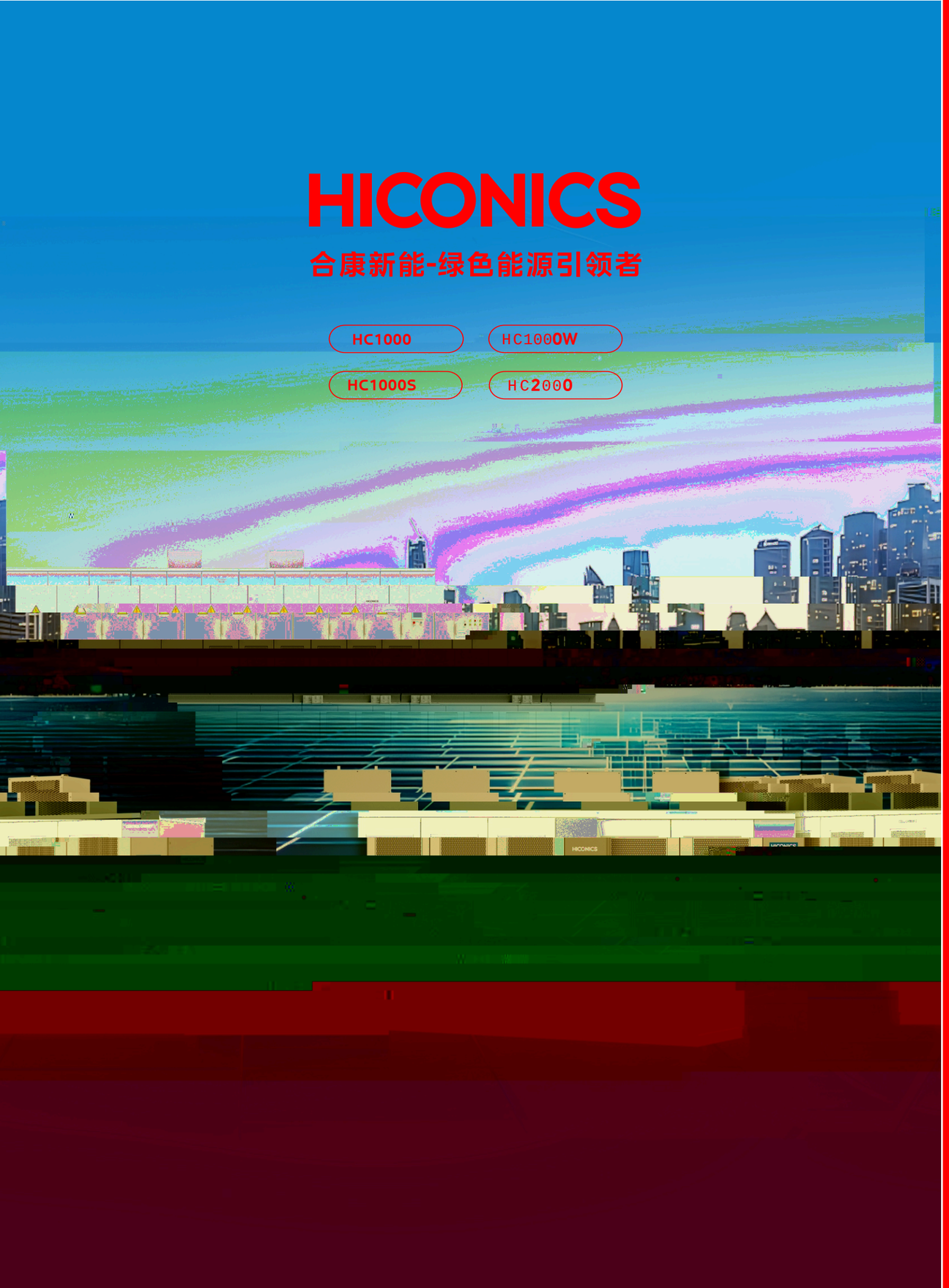
HICONICS

美的工业技术



01-12
HC1000S/HC1000

HC1000 01
HC1000S 03
05
07

13-20
HC1000W

13
15
18
20

21-30
HC2000

21
22
27
29
30

31-36

33
34
34
37
38

HC1000

HC1000系列高

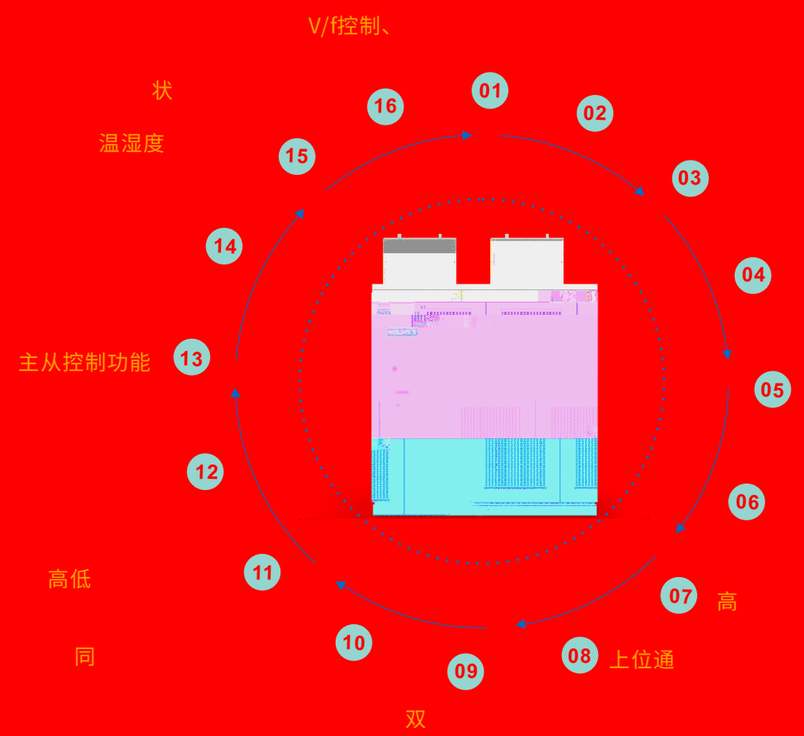
IEEE STD 519-2014和GB/T 14549-1993



98.5%

50%
共模电压

35%
VTHD



HC1000S / HC1000

1

2

3

(-

10%~+10%)

HC1000

HC **** *- *** - *** / ****

HC

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

S： W： …

kVA)：
00400：400kVA，02250：2250kVA…

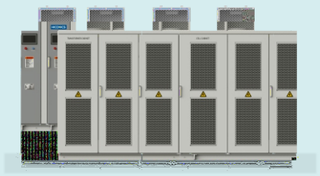
V)：
060：6kV，100：10kV…

V)：060：6kV，100：10kV
（与 …

HC1000S: 210~4650kVA ※

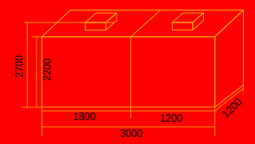
HC1000S 11kV、10kV、
6.6kV、6kV、4.16kV、3.3kV

HC1000 10kV 6kV

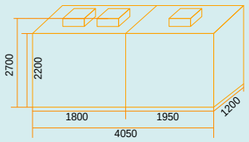


4.16kV变频器单面柜(HC10005)

(kW)	(kVA)			kg	W × D × H(mm)
210	260	HC1000S-416/00260	HPU10/A1M1*A	2331	
260	330	HC1000S-416/00330	HPU10/A2M1*A	2411	
320	390	HC1000S-416/00390	HPU10/A3M1*A	2511	
360	450	HC1000S-416/00450	HPU10/A4M1*A	2581	
420	520	HC1000S-416/00520	HPU10/A5M1*A	2611	
470	590	HC1000S-416/00590	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/C1D1*A	4080	
1170	1460	HC1000S-416/01460	HPU10/C2D1*A	4280	
1330	1660	HC1000S-416/01660	HPU10/C3D1*A	4430	
1490	1860	HC1000S-416/01860	HPU10/C4D1*A	4630	



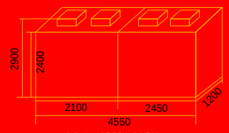
4.16kV:260-590kVA



4.16kV:660-1180kVA

660-980kVA 1

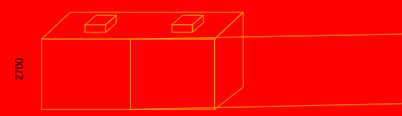
980kVA 2



4.16kV:13000-1860kVA

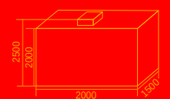
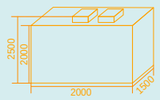
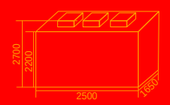
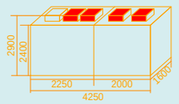
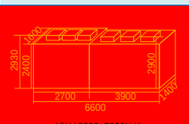
3.3kV HC10005

(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	2386	
290	360	HC1000S-033/00360	HPU10/A4M1*A	2456	
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/C1D1*A	3580	
930	1160	HC1000S-033/01160	HPU10/C2D1*A	3730	
1060	1320	HC1000S-033/01320	HPU10/C3D1*A	3930	
1180	1480	HC1000S-033/01480	HPU10/C4D1*A	3980	

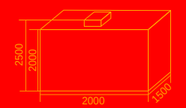
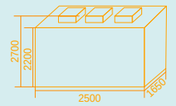
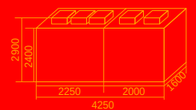
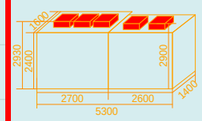
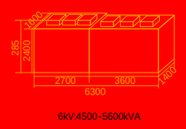


3.3kV: 210-470kVA

10kV （HC1000）

	(kW)	(kVA)			kg	W × D × H(mm)
(8)	315	400	HC1000-100/00400	HPU10/A1M1*A	2316	 10kV:400-900kVA
	355	450	HC1000-100/00450		2346	
	400	500	HC1000-100/00500		2383	
	450	560	HC1000-100/00560		2433	
	500	630	HC1000-100/00630	HPU10/A2M1*A	2483	
	560	700	HC1000-100/00700		2593	
	630	800	HC1000-100/00800	HPU10/A3M1*A	2719	
	710	900	HC1000-100/00900		2875	
(8)	800	1000	HC1000-100/01000	HPU10/A4M1*A	3062	 10kV:1000-1400kVA
	900	1150	HC1000-100/01150	HPU10/A5M1*A	3192	
	1000	1250	HC1000-100/01250		3258	
	1120	1400	HC1000-100/01400	HPU10/A6M1*A	3409	
(8)	1250	1600	HC1000-100/01600	HPU10/B1M1*A	4390	 10kV:1600-2800kVA
	1400	1800	HC1000-100/01800	HPU10/B2M1*A	4648	
	1600	2000	HC1000-100/02000	HPU10/B3M1*A	4948	
	1800	2250	HC1000-100/02250	HPU10/B4M1*A	5270	
	2000	2500	HC1000-100/02500	HPU10/B5M1*A	5604	
	2250	2800	HC1000-100/02800	HPU10/B6M1*A	5916	
(8)	2500	3150	HC1000-100/03150	HPU10/C1D1*A	7678	 10kV:3150-4500kVA +
	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	
(8)	4000	5000	HC1000-100/05000	HPU10/D1D1*A	11358	 10kV:5000-7000kVA +
	4500	5650	HC1000-100/05650	HPU10/D2D1*A	11958	
	5000	6300	HC1000-100/06300	HPU10/D3D1*A	12858	
	5600	7000	HC1000-100/07000	HPU10/D4D1*A	13758	
(8)	6300	7500	HC1000-100/07500	HPU10/E1D1*A	15277	 10kV:7500-9500kVA +
	7100	8500	HC1000-100/08500	HPU10/E2D1*A	16017	
	8000	9500	HC1000-100/09500	HPU10/E2D1*A	16257	

6kV变频器（HC1000）

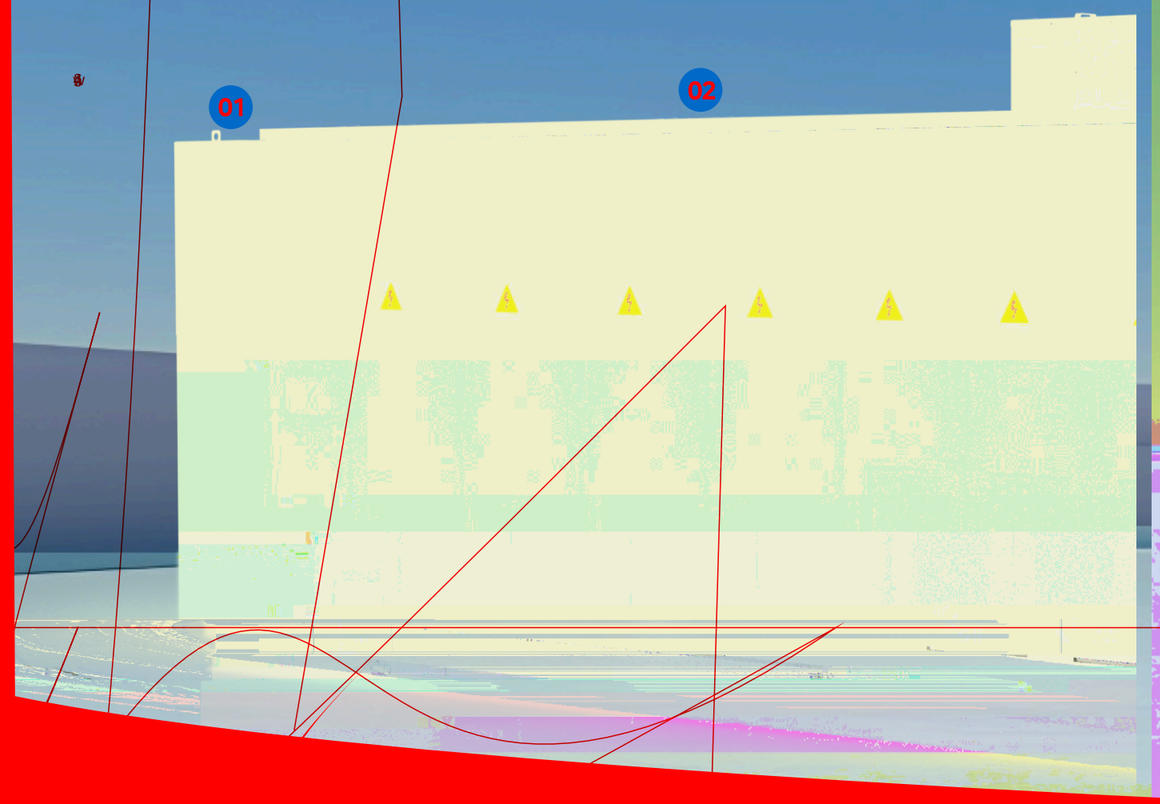
	(kW)	(kVA)			kg	W × D × H(mm)
(5)	250	315	HC1000-060/00315	HPU10/A1M1*A	1969	 6kV:315-800kVA
	315	400	HC1000-060/00400	HPU10/A2M1*A	2094	
	400	500	HC1000-060/00500	HPU10/A3M1*A	2154	
	450	560	HC1000-060/00560	HPU10/A4M1*A	2269	
	500	630	HC1000-060/00630		2349	
	560	700	HC1000-060/00700	HPU10/A5M1*A	2424	
	630	800	HC1000-060/00800	HPU10/A6M1*A	2464	
(5)	710	900	HC1000-060/00900	HPU10/B1M1*A	3550	 6kV:900-1600kVA
	800	1000	HC1000-060/01000	HPU10/B2M1*A	3678	
	900	1150	HC1000-060/01150	HPU10/B3M1*A	3758	
	1000	1250	HC1000-060/01250	HPU10/B4M1*A	3880	
	1120	1400	HC1000-060/01400		4084	
	1250	1600	HC1000-060/01600	HPU10/B5M1*A	4396	
(5)	1400	1800	HC1000-060/01800	HPU10/C1D1*A	5595	 6kV:1800-2500kVA +
	1600	2000	HC1000-060/02000	HPU10/C2D1*A	5755	
	1800	2250	HC1000-060/02250	HPU10/C3D1*A	5975	
	2000	2500	HC1000-060/02500	HPU10/C4D1*A	6140	
(5)	2250	2800	HC1000-060/02800	HPU10/D1D1*A	8358	 6kV:2800-4000kVA +
	2500	3200	HC1000-060/00032	HPU10/D2D1*A	8958	
	2800	3500	HC1000-060/03500	HPU10/D3D1*A	9858	
	3150	4000	HC1000-060/04000	HPU10/D4D1*A	10758	
(5)	3550	4500	HC1000-060/04500	HPU10/E1D1*A	10985	 6kV:4500-5600kVA +
	4000	5000	HC1000-060/05000	HPU10/E1D1*A	11285	
	4500	5600	HC1000-060/05600	HPU10/E2D1*A	12245	

HC1000W

HC1000W 27700kW

5000-27700kW

5000-27700kW 100 78000h





HC1000W

HC1000W

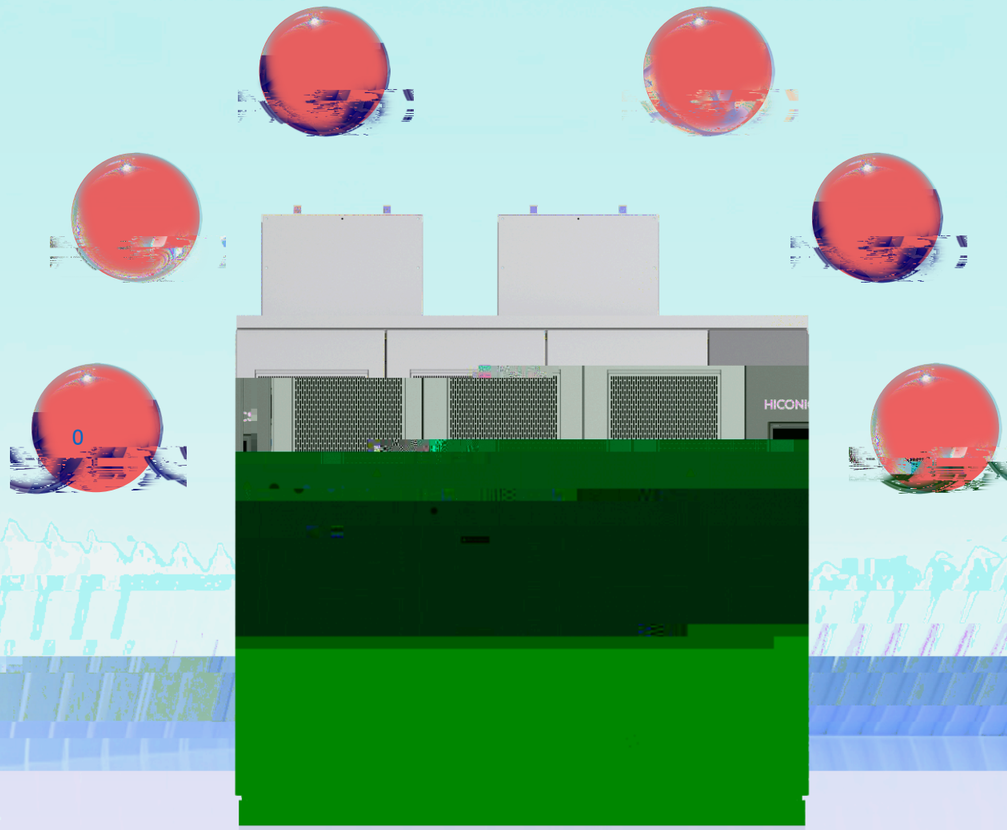
水水换热

水冷柜

功率柜

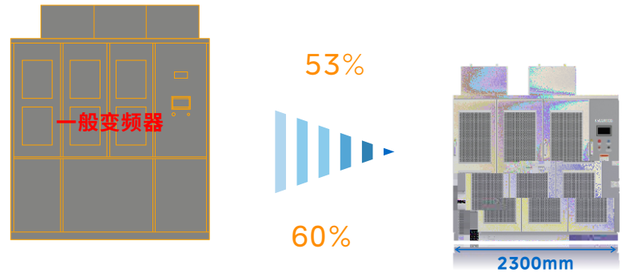
变压器柜

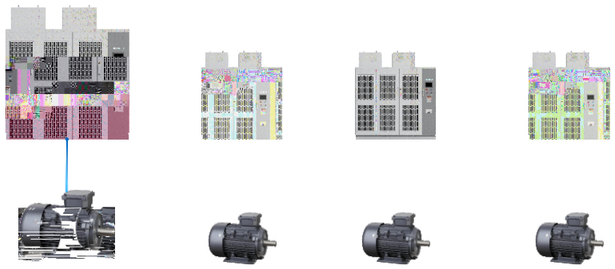
HC2000



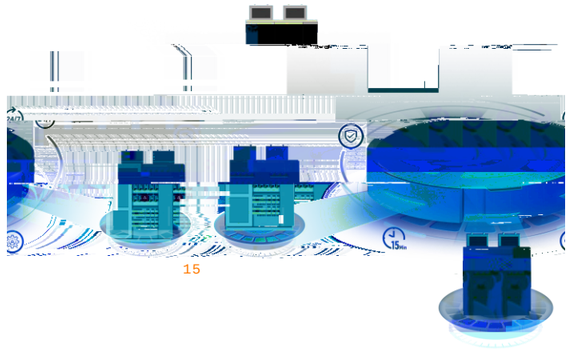
53%

60%





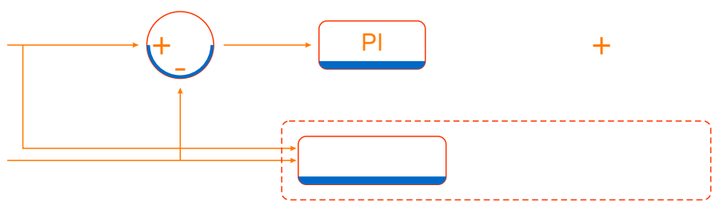
15min



HC2000

,HC2000

Torque Predictive Control, TPC）　　Feed-Forward Compensation, FFC）



HC2000

PCBA

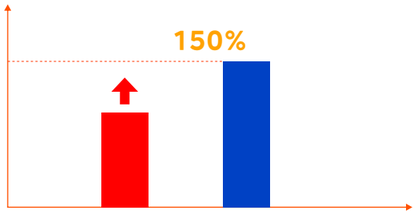
HC2000

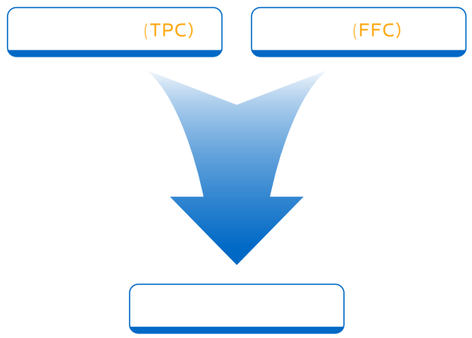
HC2000

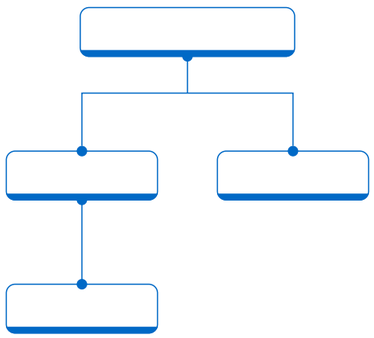
HC2000



HC2000







HC2000

“ ”

HC2000

HC2000





1

2 HC2000

3

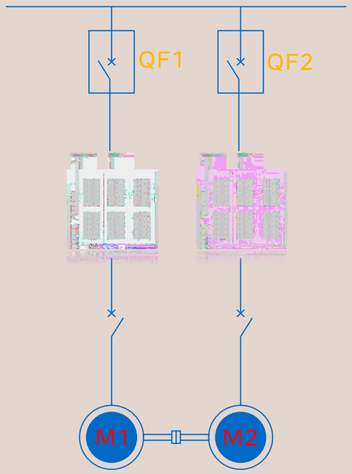
4

5 VF

6 -HC DriveSight

7





HC **** *- *** - ***/****

HC

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

S： W: …

kVA)：
00400:400kVA,02250:2250kVA…

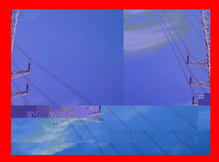
V)：
060:6kV,100:10kV…

V):060:6kV,100:10kV
(与 …

	250~7700kVA ※
	3.3kV-11kV(-10% ~ +10 %) -25% ~-10%)允
	50Hz/60Hz -10%~+10%
	380VAC,30kVA
	0.96
	≥98.5%
	0~120Hz ※
	150%(可根据用
	120% 60s
	10%~150%
	4路4~20mA
	4路4~20mA
	RS485接口,ModBus RTU(Profibus DP,Profinet可
	5秒~6000秒(与
	24入16出(8路可定
	-5~+40℃
/	-25~+55℃ ※
	95%,不
	≤1000米 ※
	6.5mg/dm3 ※
	IP41 ※
	RAL7035+RAL7042/RAL7032(可根据需求定制)

10kV (HC2000)

系 (8)	(kV)	7 . (kVA)	HC2000型号
1号 (8)	315	400	HC2000-100/00400
	355	450	HC2000-100/00450
	400	500	HC2000-100/00500
	450	560	HC2000-100/00560
	500	630	HC2000-100/00630
	560	700	HC2000-100/00700
	630	800	HC2000-100/00800
	710	900	HC2000-100/00900
	800	1000	HC2000-100/01000
	900	1150	HC2000-100/01150
	1000	1250	HC2000-100/01250
	1120	1400	HC2000-100/01400
	1250	1600	HC2000-100/01600
2号 (8)	1400	1800	HC2000-100/01800
	1600	2000	HC2000-100/02000
	1800	2250 号 (	HC2000-100/02250
	2000	2500	HC2000-100/02500
	2250	2800	HC2000-100/02800
3号 (8)	2500	3150	HC2000-100/03150
	2800	3500	HC2000-100/03500
	kVA)	4000	HC2000-100/04000
	3550	4500	HC2000-100/04500
4号 (8)	4000	5000	HC2000-100/05000
	4500	5650	HC2000-100/05650
	5000	6300	HC2000-100/06300
	5600	7000	HC2000-100/07000



200 | 2020 | 5000+ | 1000+

2003 2010 2020 500 —

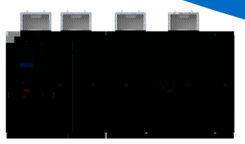
20

”

03



HC1000



HC1000S

13

30000