1 03

2 03—17

2.1 HF500 400V 03—08

HF500-4 03

HF500-4 03

HF500-4 04

HF500B-4 04

HF500B-4 05

HF500B-4 06

HF500A-4 06

HF500A-4 07

HF500A-4 08

2.2 HF500 690V 08—17

HF500LC-6 08

HF500LC-6 09

10

10

HF500-6 11

HF500-6 11

HF500LC-6 HF500-6 12

12

14

HF500B-6 15

HF500B-6 15

HF500B-6 16

16

HF500A-6 17

3.2 HF500 690V 37—54

3 18—54

18—36

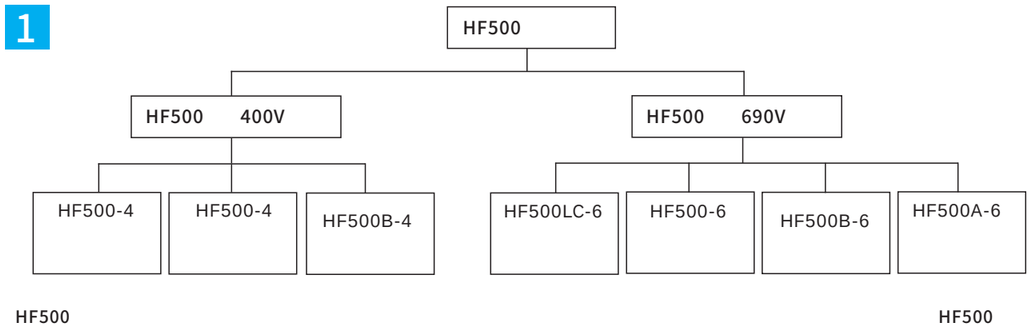
HF500-4 18—20

C1~C9 21

C10~C11 17

4 HF500 55—57

1



2

2.1 HF500 400V

HF500-4

HF	
500	

D 400kW
C 400kW

Z1/ 100mm
Z2 200mm
Z3 250mm
Z4 300mm

1. 1410A
2.
3.
4.

1. HF500B-500-4-C HF500B-500-4-C-Z1 500kW 100mm 250kW
2. HF500B-500-4-C-Z3 500kW 250mm 250kW

B- -¥ ŦF B P i Ţ 0 q P q W ﻣﻨﻲ q W q W q W Д

HF500A-4

	kW	kVA	A	A
HF500A-075-4-D HF500A-075-4-F HF500A-075-4-C1 HF500A-075-4-C2 HF500A-075-4-C3 HF500A-075-4-C4	75			121
HF500A-132-4-D HF500A-132-4-F HF500A-132-4-C1 HF500A-132-4-C2 HF500A-132-4-C3 HF500A-132-4-C4	132	139	211	213
HF500A-250-4-D HF500A-250-4-F HF500A-250-4-C HF500A-250-4-C1 HF500A-250-4-C2 HF500A-250-4-C3 HF500A-250-4-C4	250	263	400	403
HF500A-315-4-D HF500A-315-4-F HF500A-315-4-C HF500A-315-4-C1 HF500A-315-4-C2 HF500A-315-4-C3 HF500A-315-4-C4	315	332	504	508
HF500A-400-4-D HF500A-400-4-F HF500A-400-4-C HF500A-400-4-C1 HF500A-400-4-C2 HF500A-400-4-C3 HF500A-400-4-C4	400	421	640	645
HF500A-500-4-D HF500A-500-4-F HF500A-500-4-C HF500A-500-4-C1	500			767

HF500LC水冷

	轻过载工况[1]		2			
	[A]	[kW]	[A]	[kW]		
HF500LC-160-6	180	160	147	132	6 3	G2
HF500LC-200-6	220	200	180	160		
HF500LC-250-6	290	250	220	200		
HF500LC-280-6	320	280	290	250		
HF500LC-315-6	355	315	320	280		
HF500LC-355-6	390	355	355	315		
HF500LC-400-6	420	400	390	355	12	G3
HF500LC-450-6	472	450	420	400		
HF500LC-500-6	545	500	472	450		
HF500LC-560-6	610	560	545	500		
HF500LC-630-6	675	630	610	560		
HF500LC-710-6	760	710	675	630		
HF500LC-800-6	810	800	760	710		
HF500LC-400-6-S	420	400	390	355	6	
HF500LC-450-6-S	472	450	420	400		
HF500LC-500-6-S	545	500	472	450		
HF500LC-560-6-S	610	560	545	500		
HF500LC-630-6-S	675	630	610	560		
HF500LC-710-6-S	760	710	675	630		
HF500LC-800-6-S	810	800	760	710		
HF500LC-900-6-F	896	900	810	800	12	
HF500LC-1000-6-F	1007	1000	896	900		
HF500LC-1120-6-S	1220	1120	1007	1000		
HF500LC-1200-6-S	1350	1200	1220	1120		
HF500LC-1400-6-F	1520	1400	1350	1200		
HF500LC-1600-6-F	1620	1600	1520	1400		

1）轻过载工况：过载能力为额定输出电流的150%，每5分钟允许过载1分钟。

2）重过载工况：过载能力为额定输出电流的200%，每5分钟允许过载5秒。

3）HF500LC-160-6至HF500LC-355-6配置为1个整流桥，且标配外置的1个输 6脉冲式电6 6

4）HF500LC-400-6至HF500LC-800-6配置为2个并联整流桥，且标配外置的2 6 12脉冲式电6 6

5）HF500LC-400-6-S至HF500LC-800-6-S配置为2个并联整流桥，配置短接6 1个输入电抗器，适用于6脉冲式电6

6）HF500LC-900-6-F至HF500LC-1600-6-F为并机机型标配外置的2个输出均 2个输入电抗器，适用于12脉冲式电6 6

H

D4

		(mm)									
		H	W	W1	D1	A	B			00	±
	55 kW	05		2	7						
	75 kW	0									

D1 4 200 190 0 120 175 0 4-φ11*18 M8 L φ13 3 0 分

D3

0 0

0 0

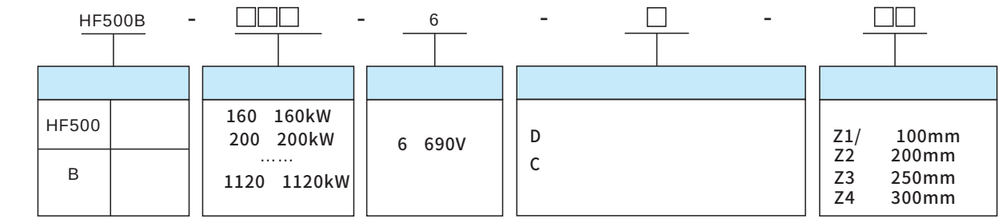
1

1

HF500B-6

HF500B - □□□ - 6 - □ - □□

HF500	160 160kW 200 200kW …… 1120 1120kW	6 690V	D C	Z1/ 100mm Z2 200mm Z3 250mm Z4 300mm
B				



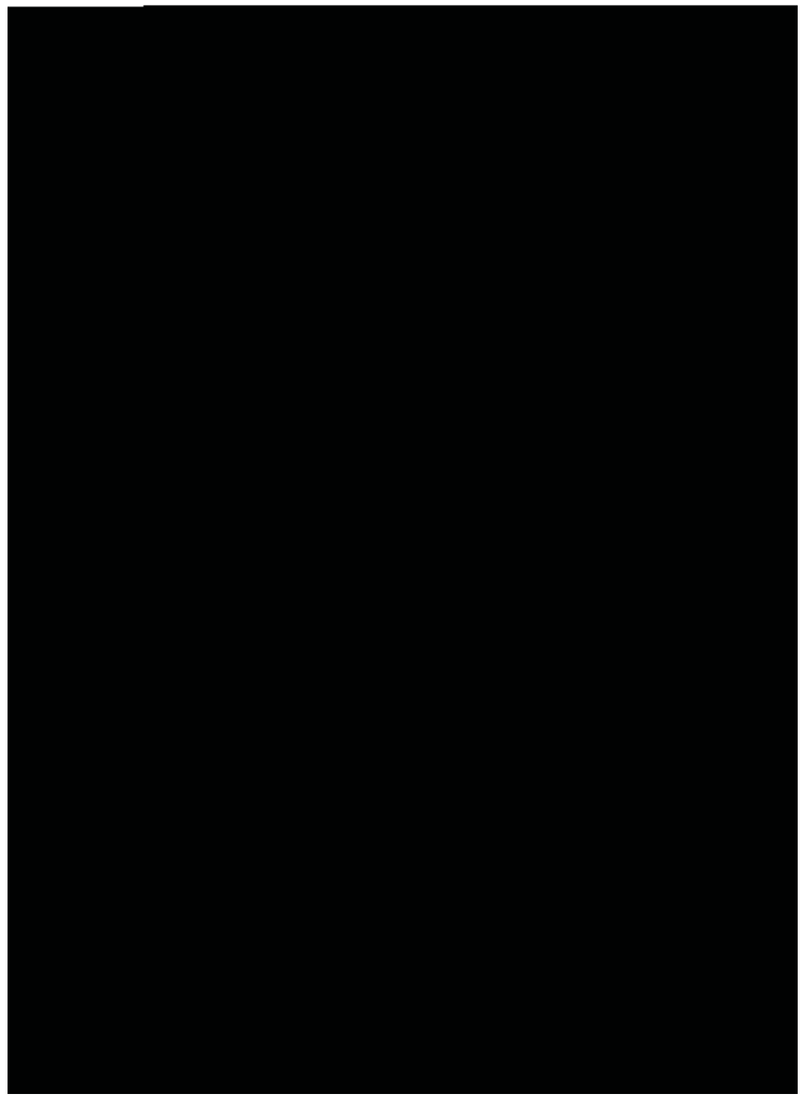
D 560kW
C 560kW

Z1/ 100mm
Z2 200mm
Z3 250mm
Z4 250mm U سر Z N O

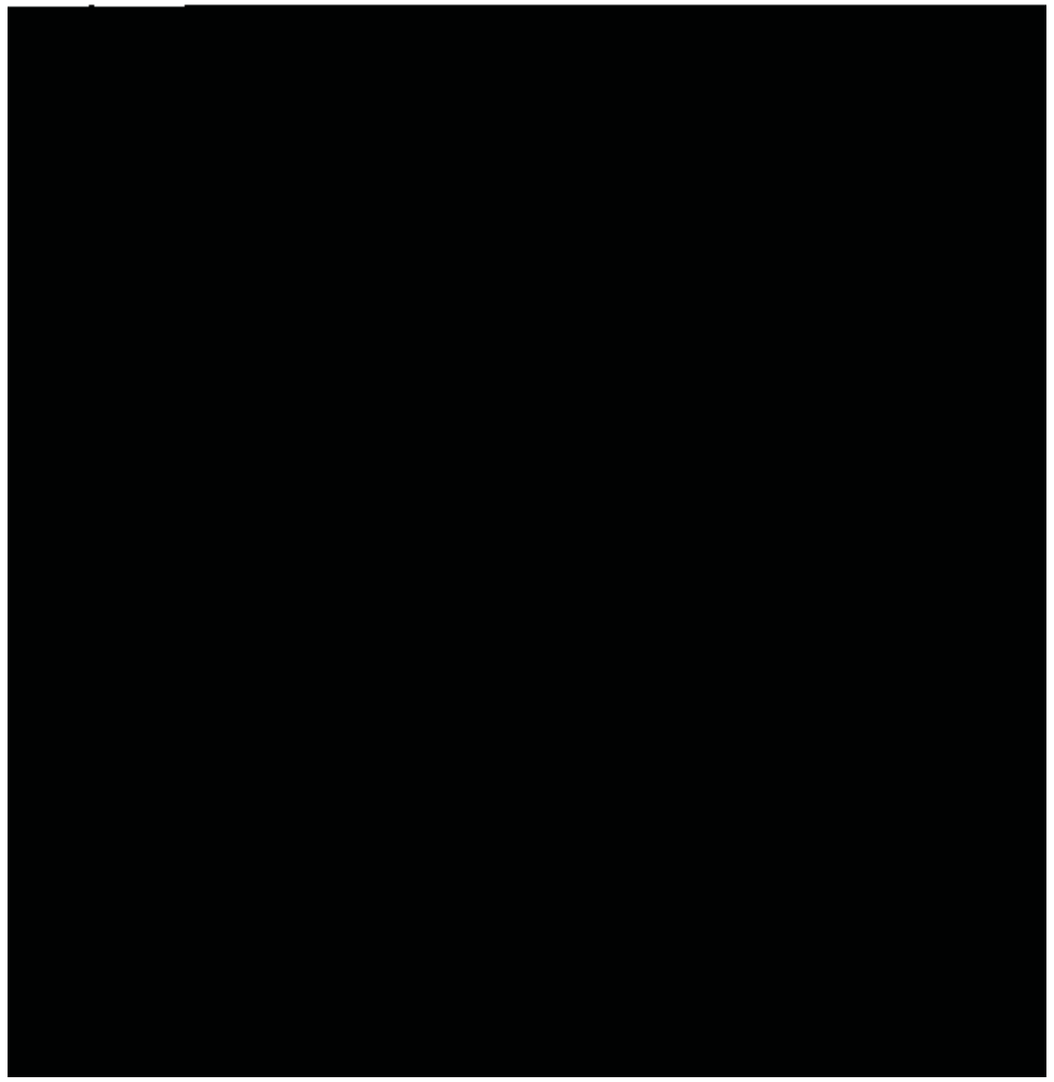
HF500A-6

	[kW]	[kVA]	[A]	[A]
HF500A -160-6-D HF500A -160-6-F HF500A -160-6-C	160	169	141	153
HF500A -250-6-D HF500A -250-6-F HF500A -250-6-C	250	264	221	239
HF500A -315-6-D HF500A -315-6-F HF500A -315-6-C	315	332	278	301
HF500A -400-6-D HF500A -400-6-F HF500A -400-6-C	400	422	353	382
HF500A -500-6-D HF500A -500-6-F HF500A -500-6-C	500	527	441	477
HF500A -630-6-C	630	664	528	570
HF500A -800-6-C	800	843	670	724
HF500A -1000-6-C	1000	1053	837	905
HF500A -1500-6-C	1500	1579	1256	1358
HF500A -2000-6-C	2000	2106	1674	1810
HF500A -2500-6-C	2500	2632	2092	2262
HF500A -3000-6-C	3000	3158	2511	2715

[redacted]



C10



C11

C1~C9

	(k		kg	
HF500-5R5-4	5		10	C1
HF500-7R5-4	7			
HF500-011-4			18	C2
HF500-015-4				
HF500-018-4	1			
HF500-022-4			25	C3
HF500-030-4				
HF500-037-4				
HF500-045-4			42	C4
HF500-055-4				
HF500-075-4				
HF500-090-4			62	C5
HF500-110-4				
HF500-132-4			115	C6
HF500-160-4				
HF500-185-4			168	C7
HF500-220-4				
HF500-250-4			200	C8
HF500-315-4				
HF500-355-4			310	C9
HF500-400-4				

C10~C11

kg

H

HF500B-037-4-D HF500B-400-4-D

18 1800

1200kW

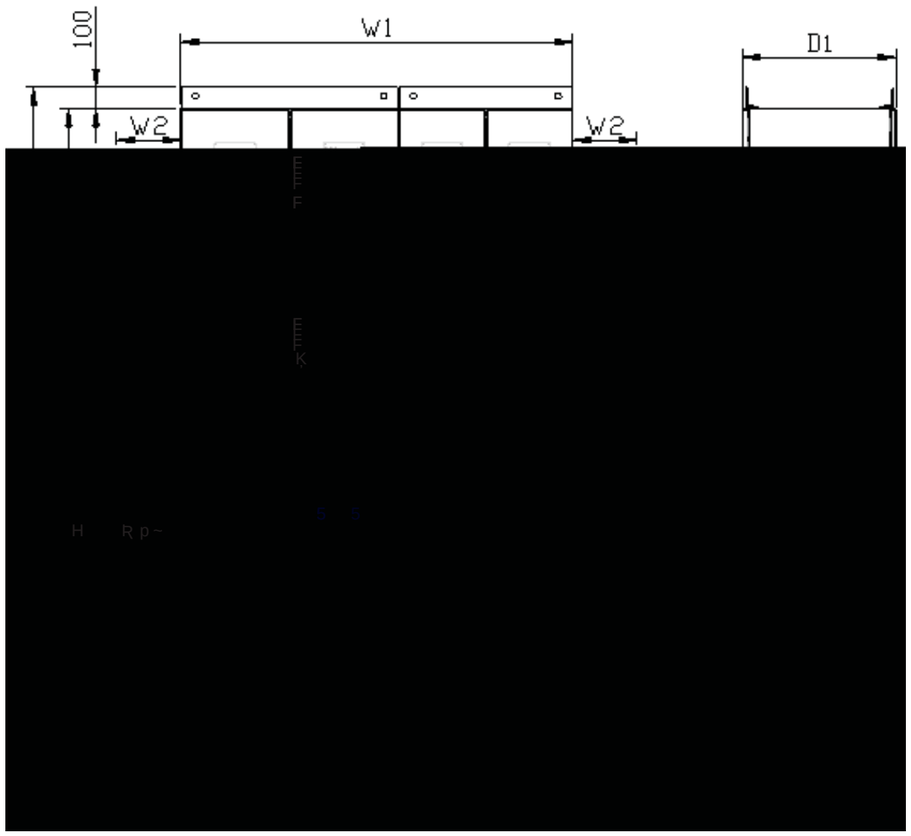
		mm)										(kg)
		H1	H2	W 1	W2	W 3	W 4	W 5	W 6	D1	Z	
1	HF500A-1200 -4-C HF500A-1200-4-C-Z1	2450	2200	/	3000	1200	1000	800	/	700	100	2300
2	HF500A-1200-4-C-Z2	2550	2200	/	3000	1200	1000	800	/	700	200	2300
3	HF500A-1200-4-C-Z3	2600	2200	/	3000	1200	1000	800	/	700	250	2300
4	HF500A-1200-4-C-Z4	2650	2200	/	3000	1200	1000	800	/	700	300	2300
5	HF500A-1200-4-C+P HF500A-1200-4-C-Z1+P	2450	2200	3600	3000	1200	1000	800	600	700	100	2500
6	HF500A-1200-4-C-Z2+P	2550	2200	3600	3000	1200	1000	800	600	700	200	2500
7	HF500A-1200-4-C-Z3+P	2600	2200	3600	3000	1200	1000	800	600	700	250	2500
8	HF500A-1200-4-C-Z4+P	2650	2200	3600	3000	1200	1000	800	600	700	300	2500

1600kW

		mm)										(kg)
		H1	H2	W 1	W2	W 3	W 4	W 5	W6	D1	Z	
1	HF500A-1600-4-C HF500A-1600-4-C-Z1	2450	2200	/	4000	1200	800	/	/	700	100	3300
2	HF500A-1600-4-C-Z2	2550	2200	/	4000	1200	800	/	/	700	200	3300
3	HF500A-1600-4-C-Z3	2600	22 00	/	4000	1200	800	/	/	700	250	3300
4	HF500A-1600-4-C-Z4	2650	2200	/	4000	1200	800	/	/	700	300	3300
5	HF500A-1600-4-C+P HF500A-1600-4-C-Z1+P	2450	2200	4600	4000	1200	800	600	/	700	100	3500
6	HF500A-1600-4-C-Z2+P	2550	2200	4600	4000	1200	800	600	/	700	20 0	3500
7	HF500A-1600-4-C-Z3+P	2600	2200	4600	4000	1200	800	600	/	700	250	3500
8	HF500A-1600-4-C-Z4+P	2650	2200	4600	4000	1200	800	600	/	700	300	3500

2000kW

		H1	H2	W 1	W2	W 3	W 4	W 5	W6	D1	Z	
1	HF500A-2000-4-C HF500A-2000-4-C-Z1	2450	2200	/	5000	1200	1000	800	/	700	100	4300
2	HF500A-2000-4-C-Z2	2550	2200	/	5000	1200	1000	800	/	700	200	4300
3	HF500A-2000-4-C-Z3	2600	2200	/	5000	1200	1000	800	/	700	250	4300
4	HF500A-2000-4-C-Z4	2650	2200	/	5000	1200	1000	800	/	700	300	4300
5	HF500A-2000-4-C+P HF500A-2000-4-C-Z1+P	2450	2200	5600	5000	1200	1000	800	600	700	100	4500
6	HF500A-2000-4-C-Z2+P	2550	2200	5600	5000	1200	1000	800	600	700	200	4500
7	HF500A-2000-4-C-Z3+P	2600	2200	5600	5000	1200	1000	800	600	700	250	4500
8	HF500A-2000-4-C-Z4+P	2650	2200	5600	5000	1200	1000	800	600	700	300	4500

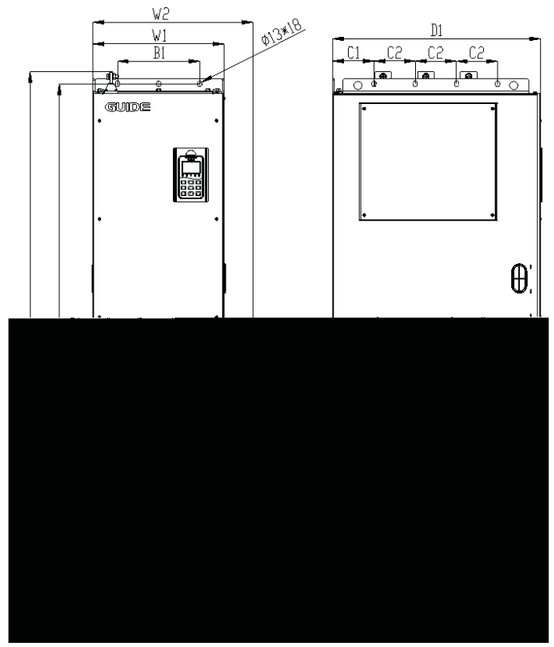


HF500A-500-4-C1 HF500A-630-4-C1 HF500A-800-4-C1

75kW~132kW C1

3.2 HF500 690V

HF500LC-6 ( )



		H1	W1	D1	A	B				
HF500LC-160-6	160	1036	320	545	998	250	Φ 13	M12	150	

	H1	W1	W2	D1	A1	A2	B1	B2	C1	C2				
HF500-055-6	1045	325	390	535	976.5	50.5	200	125	112	150	5-φ13	5-M10	120	D1
HF500-075-6														
HF500-090-6														
HF500-110-6														
HF500-132-6														
HF500-160-6	1370	345	435	585	1275	57.5	200	175	100	125	6-φ13	6-M10	150	D2
HF500-200-6														
HF500-250-6														
HF500-280-6														

200

575700

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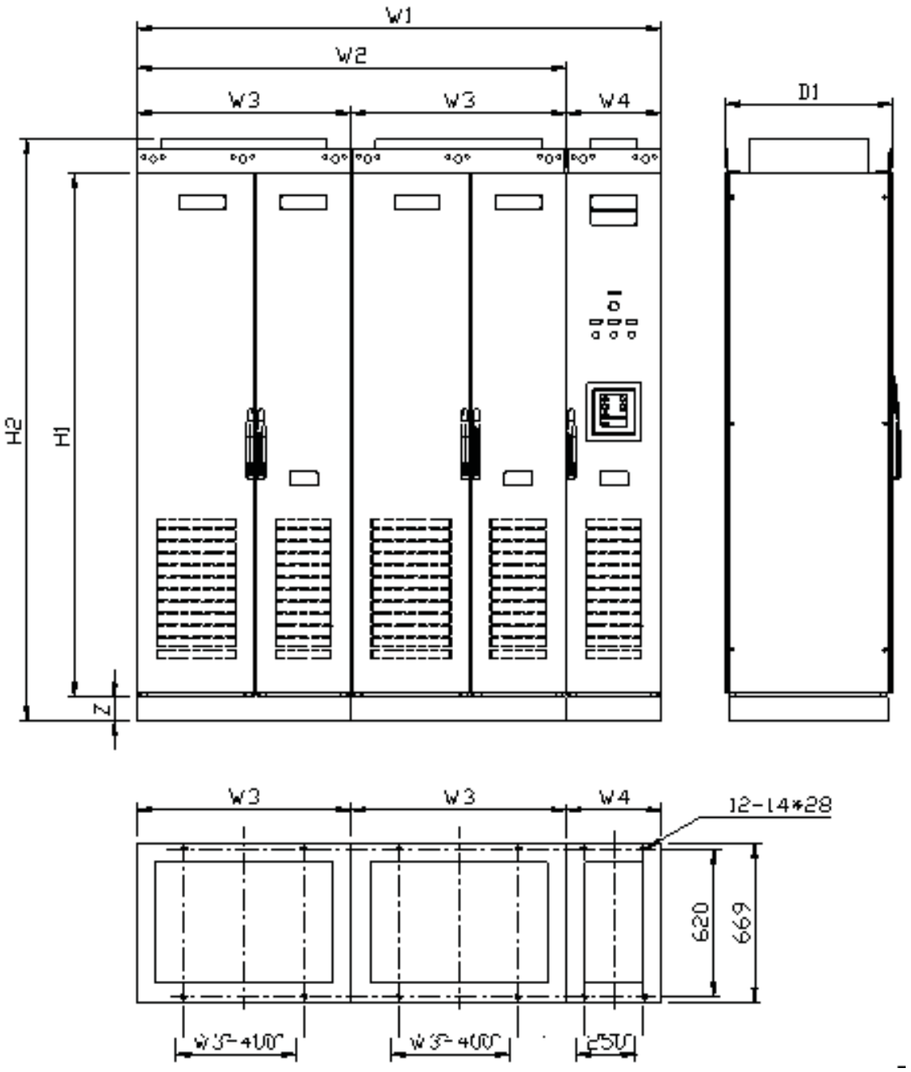
HF500A-6

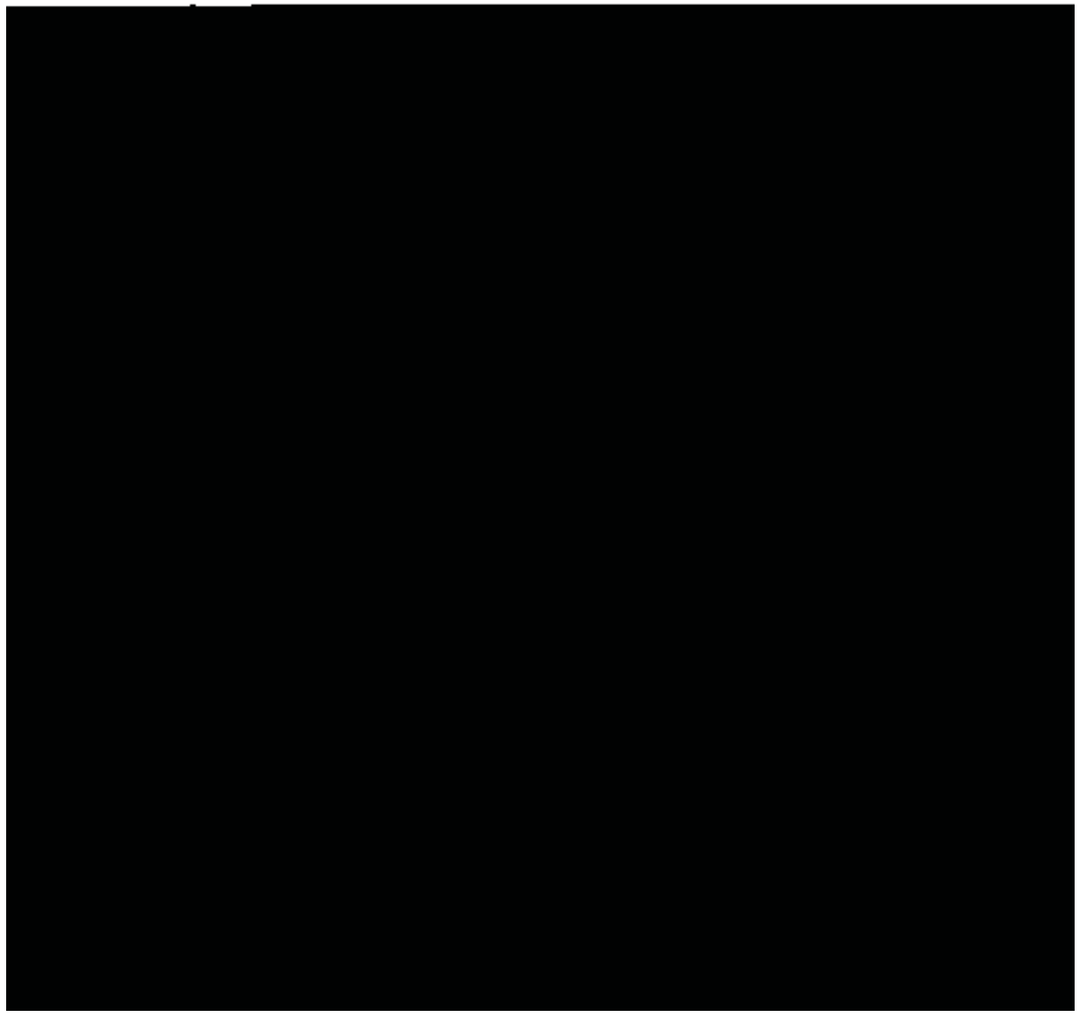
160kW~500kW

		mm								
		H1	W1	D1	A1	A2	A	0WW	r	mW

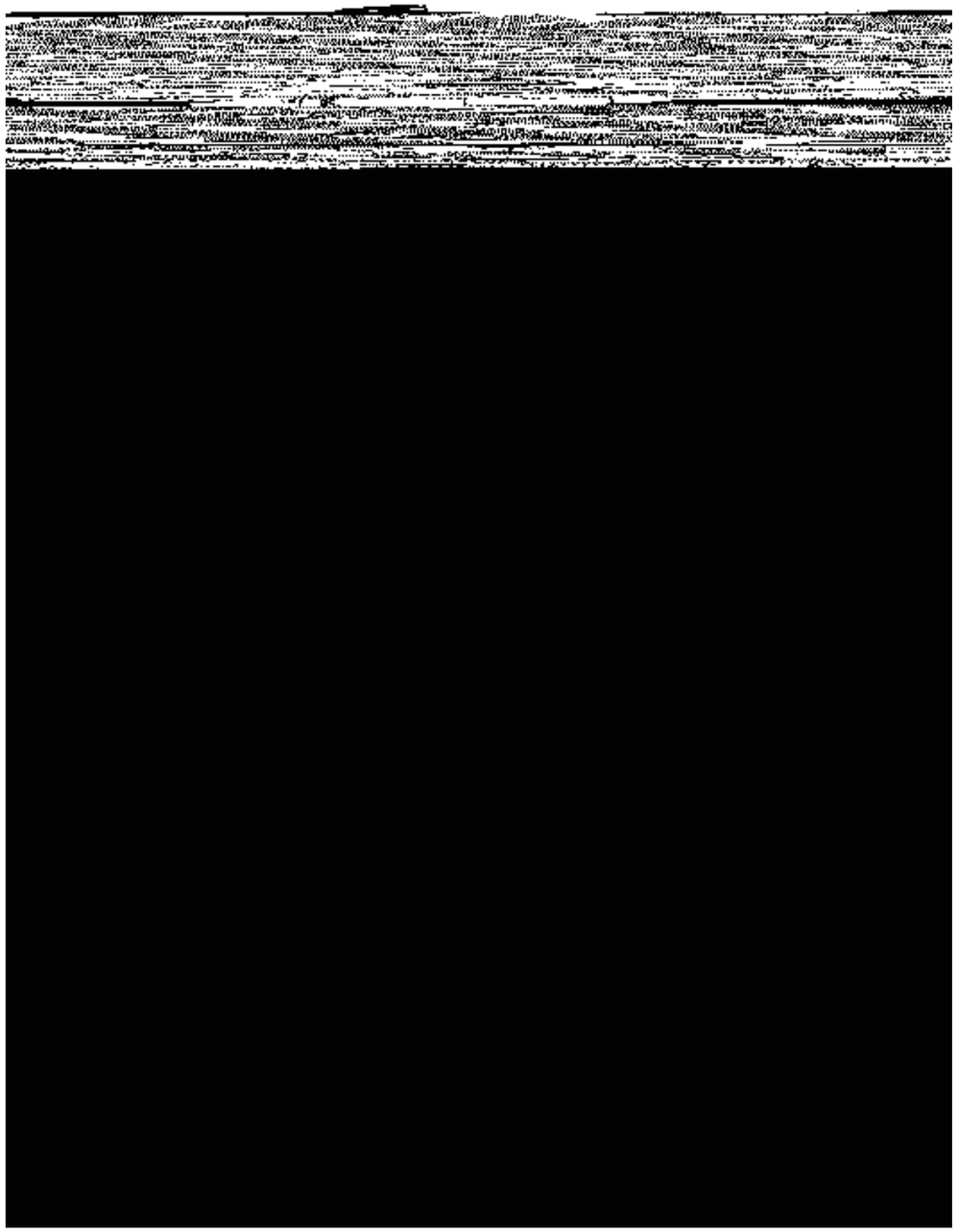
0WW



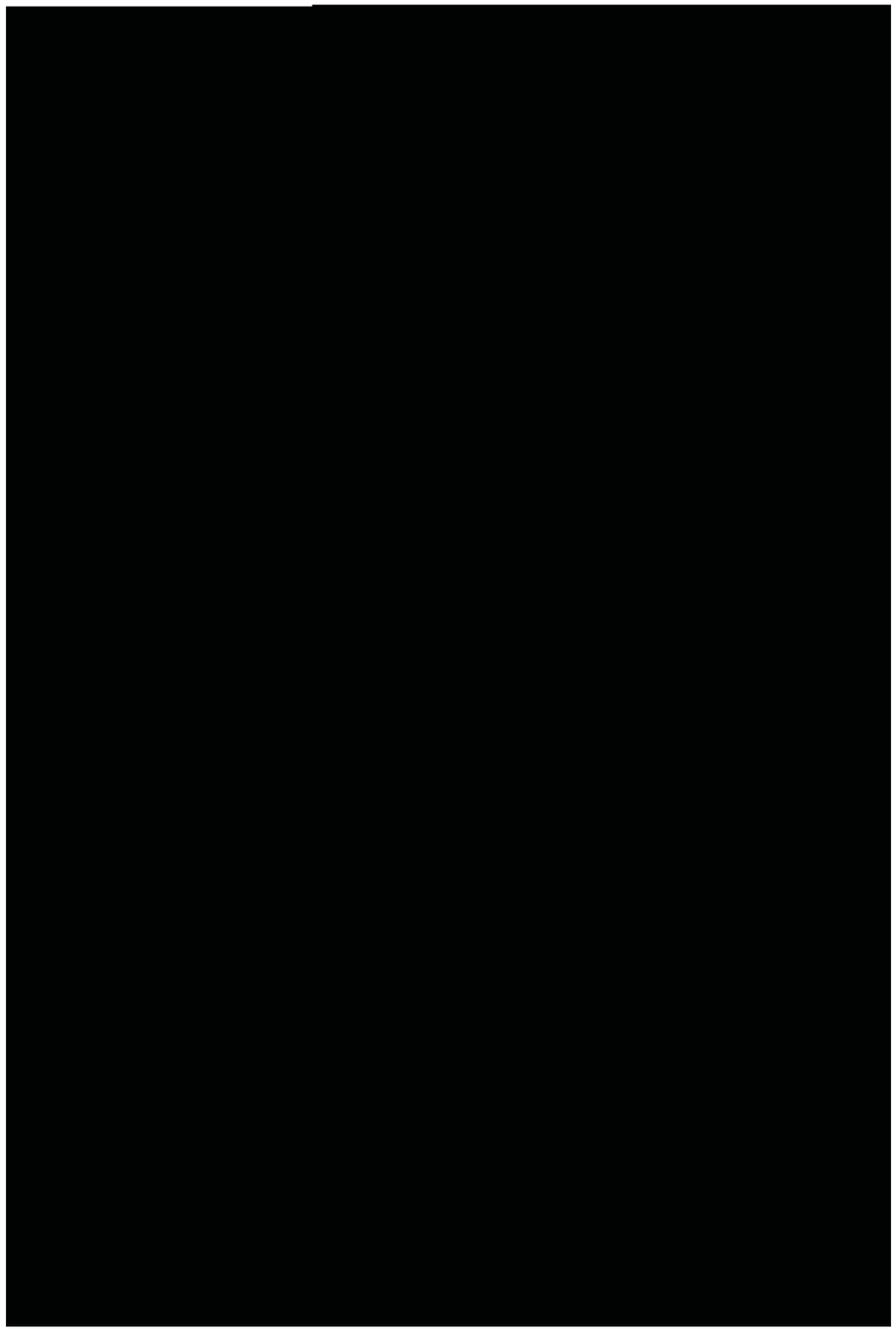
HF500A-630-6-C+P HF500A-800-6-C+P
HF500A-1000-6-C+P



HF500A-1500-6-C+P



HF500A-2000-6-C+P



HF500A-2500-6-C+P

315kW 400kW 500kW

		mm)							(kg)
		H1	H2	W 1	W2	W 3	D1	Z	
1	HF500A -315 -6 -C HF500A -315 -6 -C -Z1 HF500A -400 -6 -C HF500A -400 -6 -C -Z1 HF500A -500 -6 -C HF500A -500 -6 -C -Z1	2450	2200	/	900	/	700	100	10 00
2	HF500A -315 -6 -C -Z2 HF500A -400 -6 -C -Z2 HF500A -500 -6 -C -Z2	2550	2200	/	900	/	700	200	1000
3	HF500A -315 -6 -C -Z3 HF500 A -400 -6 -C -Z3 HF500A -500 -6 -C -Z3	2600	2200	/	900	/	700	250	1000
4	HF500A -315 -6 -C -Z4 HF500A -400 -6 -C -Z4 HF500A -500 -6 -C -Z4	2650	2200	/	900	/	700	300	1000
5	HF500A -315 -6 -C+P HF500A -315 -6 -C -Z1+P HF500A -400 -6 -C+P HF50 0A -400 -6 -C -Z1+P HF500A -500 -6 -C+P HF500A -500 -6 -C -Z1+P	2450	2200	1300	900	400	700	100	1150
6	HF500A -315 -6 -C -Z2+P HF500A -400 -6 -C -Z2+P HF500A -500 -6 -C -Z2+P	2550	2200	1300	900	400	700	200	1150
7	HF500A -315 -6 -C -Z3+P HF500 A -400 -6 -C -Z3+P HF500A -500 -6 -C -Z3+P	1 2600	2200	1300	900	400	700	250	1150
8	HF500A -315 -6 -C -Z4+P HF500A -400 -6 -C -Z4+P HF500A -500 -6 -C -Z4+P	2650	2200	1300	900	400	700	300	1150

630kW 800kW 1000kW

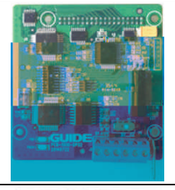
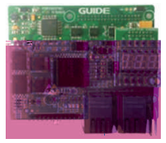
		mm)								
		H1	H2	W 1	W2	W 3	W4	D1	Z	

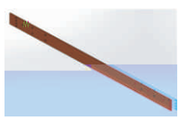
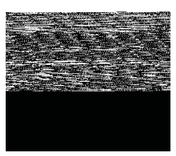
1

1500kW

		mm)	

4 HF500

GDHF-DP02		GDHF-DP02 Profibus HF500
GDHF-MB01		GDHF-MB01 MODBUS-RTU RS485 RS232 RS485 RS232 MODBUS-RTU HF500
GDHF-PN01		GDHF-PN01 Profinet RJ45 HF500

GDHF-SFB		GDHF-SFB HF500
GDHF-POF02 2		GDHF-POF02 2 2 7 2
GDHF-POF03 3		GDHF-POF03 3 3 7 2
GDHF-POF05 5		GDHF-POF05 5 5 7 2
GDHF-POF07 7		GDHF-POF07 7 7 7 2
Main-Busbar-W1500kW		Main-Busbar-W1000 HF500B-4 500kW 1) 800kW 2 2) 1200kW~1600kW 2 3) 2000kW~2400kW 4
Main-Busbar-W1600 630 800kW		Main-Busbar-W1600 HF500B-4 630 800kW 1 800kW 2 2 1200kW~1600kW 2 3 2000kW~2400kW 4
-W900 690V		-W900 HF500B-6 690V 630kW 710kW 800kW 900kW 1000kW 1120kW 690V 1 1500kW 2 2 2000kW~3000kW 2
HF-AP V1.0	HF500-4-DSP-2.880	HF500-4 HF500B-4

NOTE