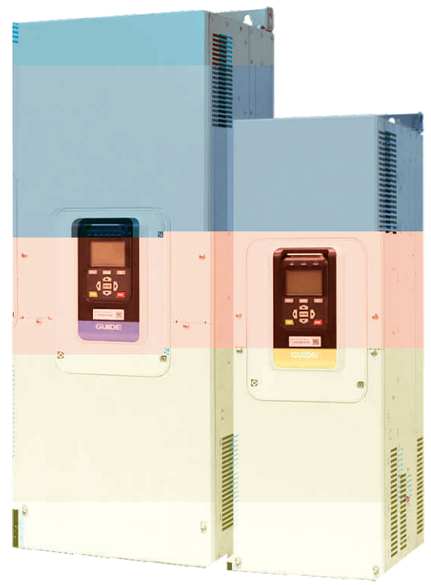
GUIDE

301633

HF650N系列变频器



GUIDE

Wuhan Guide Technology Co., Ltd.

6

027-87920068

027-87927299

www.gdetec.com

400-0077-570

2025.07

©

Copyright©Wuhan Guide Technology Co., Ltd.

ABOUT US

301633）是工信部

“ ”

“ ” “ ” “ ”

100 ” “ 100 ” “ ” 10 ” “

“ ” “

” “ ” “ ”

” “ ” “ ”

“ ”

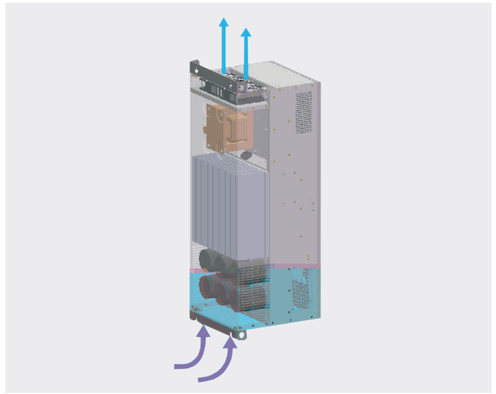
“ ” “

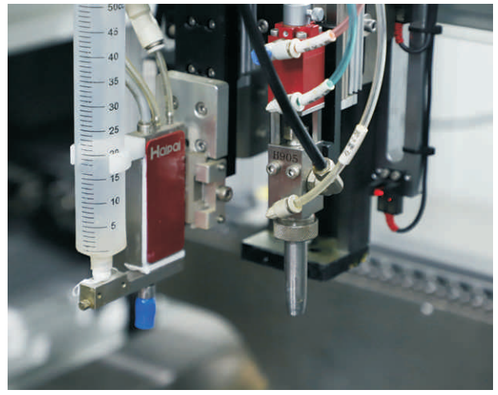
”

1

2

全自动三防喷涂工艺，涂层覆盖更加稳定均匀，全面提升单板防护能力。

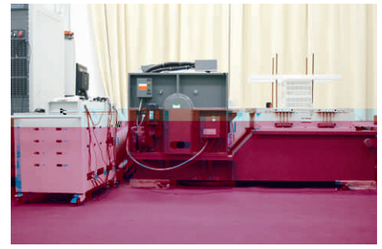


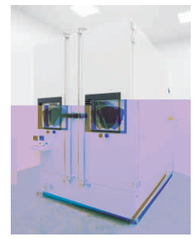


3

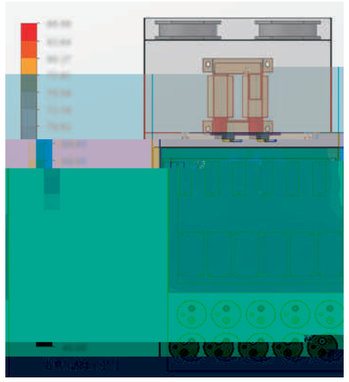
。

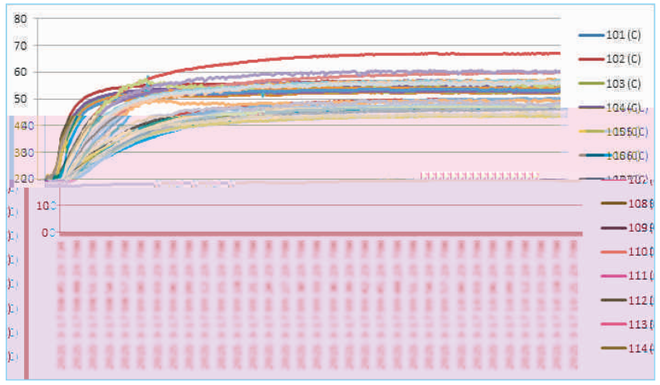
		/
		/



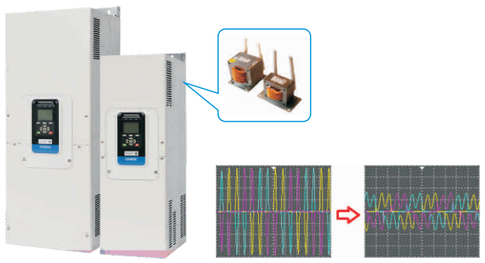


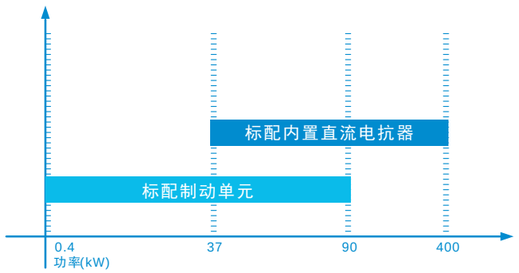
4





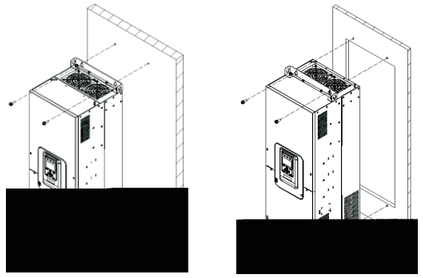
5





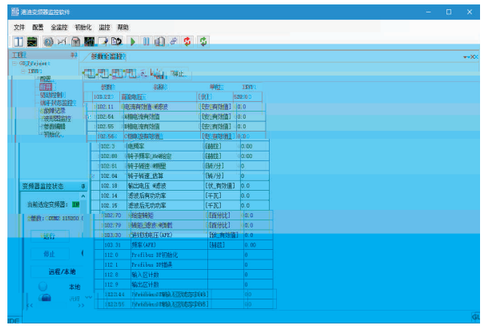
0.4kW~90kW 标配内置制动单元；
37kW~400kW 标配内置直流电抗器

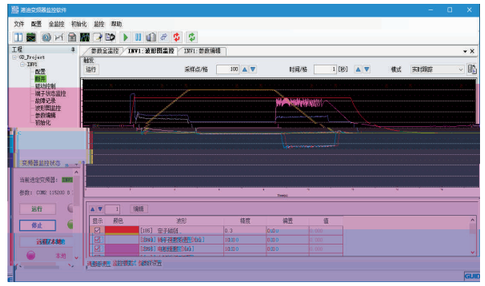
1



2

GuideInvSoft 上位机软件





GuideInvSoft，

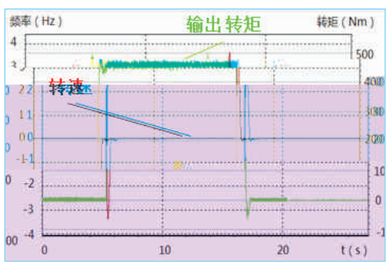
3

LCD键盘，具备上传下载等丰富的功能。

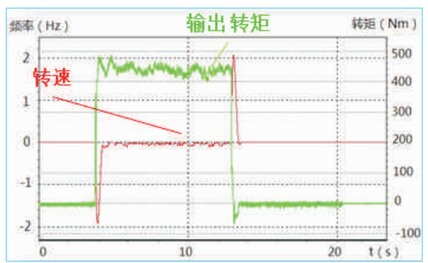
LCD 240mm*160mm，支持
中文、英文、俄

1

200%转矩输出。



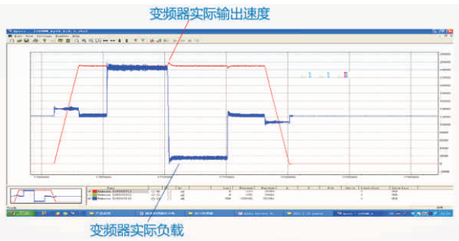
230Nm， 0rpm 200%
45kW 37kW



230Nm， 0rpm 200%
230Nm）

200%的额定转矩。

2



3

O *

DROOP

HF650N

TÜV NORD

CE

HF650N

HF650N LC - XXX - 4 - XXX + X

❶ ❷ ❸ ❹ ❺ ❻

❶ 产品序列	❷	❸ 功率	❹ 电压等级	❺ 备用
	LC	举例： 5R5=5.5kW；055=55kW 110=110kW	4：380V	

❻ 选配件（随机器安装）

代码		代码	
MB01	Modbus RTU	DP01	Profibus DP
PN01	Profinet	CAN01	CANopen
PG02	适用于标准型变频器的增量型编码器卡		
IO01 (IO)	7DI+4DO+Modbus RTU （适用于标准型变频器）	IO02 (IO)	5DI+2DO

1 HF650N-5R5-4 400V/5.5kW LCD

2 HF650N-090-4 400V/90kW LCD

3 HF650N-250-4+MB01 400V/250kW LCD Modbus RTU

ē

—bw ƒ0‡`sw ƒ5$1s3Ss5$1rvi 3RC "XA3 v ¡p2T' ¡pa€%u ¡Ph WOsSs] Ss P— ‡3570 $9¡Ph @

HF650N

型号	输出电流 A	适用电机容量 kW	机型	[mm] H*W*D	重量 kg
HF650N-0R4-4	1.8	0.4	N1	260*140*191	3.5
HF650N-0R7-4	2.6	0.75			
HF650N-1R1-4	3.3	1.1			
HF650N-1R5-4	4.8	1.5			
HF650N-2R2-4	5.7	2.2	N2	260*140*191	4
HF650N-3R7-4	10.2	3.7			
HF650N-5R5-4	15	5.5			5
HF650N-7R5-4	18	7.5			
HF650N-011-4	24	11	N3	302*180*194	6.5
HF650N-015-4	32	15			
HF650N-018-4	41	18.5	N4	375*279*236	12.5
HF650N-022-4	47	22			
HF650N-030-4	65	30			
HF650N-037-4	75	37	N5	766*235*345.5	38
HF650N-045-4	94	45			
HF650N-055-4	115	55			
HF650N-075-4	155	75	N6	885*315*331.5	55
HF650N-090-4	188	90			
HF650N-110-4	215	110	N7	965*390*345.5	80
HF650N-132-4	265	132			
HF650N-160-4	330	160	N8	1093*492*376	120
HF650N-185-4	365	185			
HF650N-200-4	396	200			
HF650N-220-4	438	220	N9	1200*490*395.5	150
HF650N-250-4	485	250			
HF650N-280-4	545	280	N10	1305*700*415	240
HF650N-315-4	610	315			
HF650N-355-4	668	355			
HF650N-400-4	720	400			
HF650N-560-4-C	1090	560	成柜型 （两并机）	/	/
HF650N-630-4-C	1220	630			
HF650N-710-4-C	1336	710			
HF650N-800-4-C	1440	800			

1 0.4kW-30kW 37kW-400kW

2 90kW 110kW

3 LCD

HF650N

		380V 480V
		50/60Hz
		-15% +10%
		fLN ±2% ±4% ≤2%fLN/s
		0 5%
		1%
		0 300Hz
		1kHz 10kHz
		0.01Hz x0.1%
		(VC) (SVC) V/F
	V/F	
		PG PG
		300Hz
		0Hz/200%(VC SVC) 0.8Hz/150%(V/F)
		<5ms(SVC) <5ms(VC)
		±5%(SVC) ±3%(VC)
		1:500(SVC) 1:1000(VC)
		±0.02% (VC) ±0.2% (SVC) ±0.5% (V/F)
		180% 5 1
	PID	
		CANopen Modbus RTU Profibus DP Profinet
		PID
		/ /
		/ /
		5 2 0 +10V 0mA/4mA 20mA
		3 1 2 2 0 +10V 0mA/4mA 20mA

HF650N

	LCD	
		1000 1000 100 1% 3000
		-10 +40 40 1 1% 50 -10
		95%RH
		-20 +60
		98%
		IO PG
		IP20
		0.75kW 1.1kW
		2

Modbus RTU	MB01	GDHF-AMBX1	Modbus RTU
DP	DP01	GDHF-ADPX1	Profibus DP
PN	PN01	GDHF-APNX1	Profinet
CAN	CAN01	GDHF-ACNX1	CANopen
PG	PG02	GDHF-APGX1	
IO 1	IO01	GDHF-AIOX1	7DI+4DO+Modbus RTU
IO 2	IO02	GDHF-AIOX2	5DI+2DO（

NOTE