GUIDE

301633

# GF630N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

“ ”

“ ” “ ” “

” “ 10 ” “

100 ” “ 100 ” “ ”

“ ” “

” “ ” “

” “ ” “

” “ ”

“ ” “

” “

”




GF630N 03
GF630N 04
GF630N 05
GF630N 06
GF630N01 Mini 08
GF630N01 Mini 08
GF630N01 Mini 09
GF630N02 11
GF630N02 11
GF630N02 12
GF630N03 14
GF630N03 14
GF630N03 15
GF630N04 17
GF630N04 17
GF630N04 18
GF630N05 19
GF630N05 19
GF630N05 20
GF630NGS 22
GF630NGS 23
GF630NGS 24

GF630N XX - XXX - 4 - XXX + X

1 2 3 4 5 6

| | |
|---|---|
| 1 | |
| 2 | 01 Mini 02<br>03 04<br>05 GS |
| 3 | 5R5=5.5kW<br>055=55kW<br>110=110kW |
| 4 | 4：380V |
| 5 | |

6

| | | | |
|---|---|---|---|
| DL | | | |
| BU | | | |
| LCD | | | |
| SW01 | | | |
| MB01 | Modbus RTU | DP01 | Profibus DP |
| PN01 | Profinet | CAN01 | CANopen |
| PG02 | | PG03 | |
| PG04 | | | |
| IO01 (IO ) | 7DI+4DO+Modbus RTU | IO02 (IO ) | 5DI+2DO |
| IO03 (IO ) | 5DI+2DO+1AI+Modbus RTU | | |
| PC01 ( ) | 20DI+6DO+CANopen +Modbus RTU | PC03 ( ) | 20DI+6DO |







GF630N

GF630N - XXX - 4 + X

❶ ❸ ❹ ❻

| | | |
|---|---|---|
| ❶ | ❸<br>5R5=5.5kW 055=55kW 110=110kW | ❹<br>4：380V |

❻

| | | | |
|---|---|---|---|
| DL | | | |
| BU | | | |
| LCD | | | |
| SW01 | | | |
| MB01 | Modbus RTU | DP01 | Profibus DP |
| PN01 | Profinet | CAN01 | CANopen |
| PG02 | | PG03 | |
| PG04 | | | |
| IO01 (IO ) | 7DI+4DO+Modbus RTU | IO02 (IO ) | 5DI+2DO |
| IO03 (IO ) | 5DI+2DO+1AI+Modbus RTU | | |
| PC01 ( ) | 20DI+6DO+CANopen +Modbus RTU | PC03 ( ) | 20DI+6DO |

1 GF630N-045-4+LCD+PG02 400V/45kW LCD PG02

2 GF630N-110-4+DL+BU 400V/110kW LED

## GF630N

| | | | | | | [mm] H*W*D | kg |
|---|---|---|---|---|---|---|---|
| | A | kW | A | kW | | | |
| GF630N-3R7-4 | 9.9 | 3.7 | 5.4 | 2.2 | N2 | 260*140*191 | 4 |
| GF630N-5R5-4 | 14 | 5.5 | 9.9 | 3.7 | | | |
| GF630N-7R5-4 | 17 | 7.5 | 14 | 5.5 | | | 5 |
| GF630N-011-4 | 23 | 11 | 17 | 7.5 | | | |
| GF630N-015-4 | 31 | 15 | 23 | 11 | N3 | 302*180*194 | 6.5 |
| GF630N-018-4 | 37 | 18.5 | 31 | 15 | | | |
| GF630N-022-4 | 46 | 22 | 37 | 18.5 | N4 | 375*279*236 | 12.5 |
| GF630N-030-4 | 64 | 30 | 46 | 22 | | | |
| GF630N-037-4 | 74 | 37 | 64 | 30 | | | |
| GF630N-045-4 | 93 | 45 | 74 | 37 | N5 | 766*235*345.5 | 38 |
| GF630N-055-4 | 114 | 55 | 93 | 45 | | | |
| GF630N-075-4 | 154 | 75 | 114 | 55 | | | |
| GF630N-090-4 | 187 | 90 | 154 | 75 | N6 | 885*315*331.5 | 55 |
| GF630N-110-4 | 214 | 110 | 187 | 90 | | | |
| GF630N-132-4 | 264 | 132 | 214 | 110 | N7 | 965*390*345.5 | 80 |
| GF630N-160-4 | 302 | 160 | 264 | 132 | | | |
| GF630N-185-4 | 364 | 185 | 302 | 160 | N8 | 1093*492*376 | 120 |
| GF630N-200-4 | 395 | 200 | 364 | 185 | | | |
| GF630N-220-4 | 437 | 220 | 395 | 200 | | | |
| GF630N-250-4 | 484 | 250 | 437 | 220 | N9 | 1200*490*395.5 | 150 |
| GF630N-280-4 | 544 | 280 | 484 | 250 | | | |
| GF630N-315-4 | 609 | 315 | 544 | 280 | N10 | 1305*700*415 | 240 |
| GF630N-355-4 | 667 | 355 | 609 | 315 | | | |
| GF630N-400-4 | 719 | 400 | 667 | 355 | | | |
| GF630N-450-4 | 819 | 450 | 719 | 400 | | | |





## GF630N

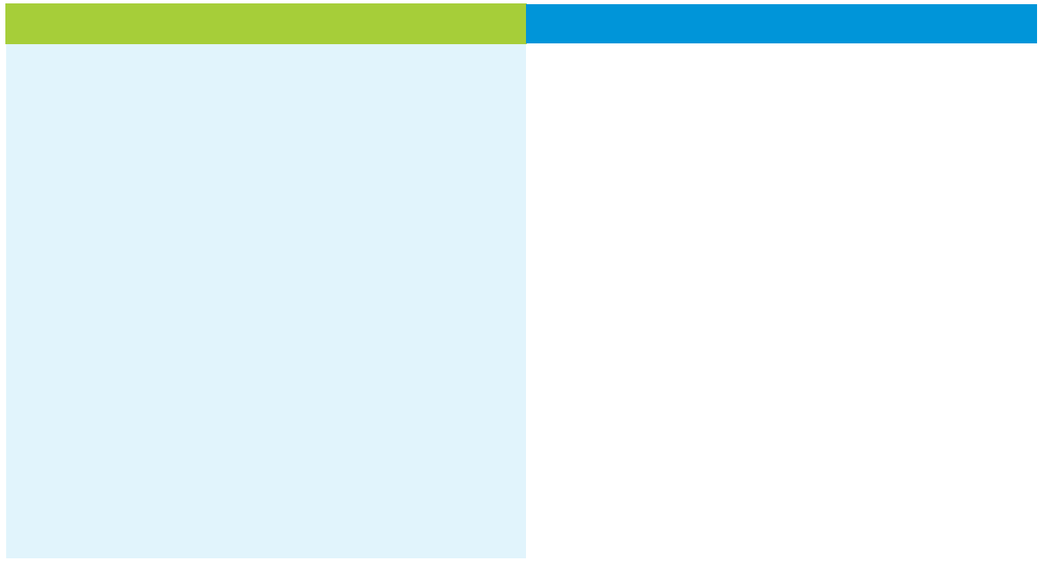





eg Ug0 eg O ' eg XDgƒfVp u„G g W"'U…b`SsPÐ 2… I aG3 I a…g@€•I a…g@RcI hVt $8I hVt $D)6XVt $D …g@R ¶^P12˜vp 5GRT'i Õ P

## GF630N

| | | |
|---|---|---|
| | LED/LCD | |
| | | |
| | | |
| | | 1000 00 D 1000 3000 100 1% |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |



GF630N01 Mi

| | |
|---|---|
| | 380 |
| | 50/60 |
| | -15% + |
| | |
| | |
| |

GF630N02

| | | | | | | [mm] (H*W*D) | 2 |
|---|---|---|---|---|---|---|---|
| | (A) | (kW) | (A) | (kW) | | | |
| GF630N02-011-4 | 23 | 11 | 17 | 7.5 | S1 | 340*200*200 | |
| GF630N02-015-4 | 31 | 15 | 23 | 11 | | | |
| GF630N02-018-4 | 37 | 18.5 | 31 | 15 | S2 | 430*300*235 | |
| GF630N02-022-4 | 46 | 22 | 37 | 18.5 | | | |
| GF630N02-030-4 | 64 | 30 | 46 | 22 | | | |
| GF630N02-037-4 | 74 | 37 | 64 | 30 | S3 | 610*360*315 | |
| GF630N02-045-4 | 93 | 45 | 74 | 37 | | | |
| GF630N02-055-4 | 114 | 55 | 93 | 45 | | | |
| GF630N02-075-4 | 154 | 75 | 114 | 55 | | | |
| GF630N02-090-4 | 187 | 90 | 154 | 75 | | | |

1 11kW~30kW 37kW~90kW

2

3 LED

4 120% 5 1 150% 5 1

GF630N02

GF630N03

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

## GF630N03

| | | |
|---|---|---|
| | | 380V 480V |
| | | 50/60Hz |
| | | -15% +10% |
| | | fLN±2% ±4%<br>≤2%fLN/s |
| | | 0 5% |
| | | 1% |
| | | 0 300Hz |
| | | |
| | | 1kHz 10kHz |
| | | 0.01Hz x0.1% |
| | | (SVC) V/F |
| | V/F | |
| | | PG |
| | | 300Hz |
| | | 0Hz/200%(SVC) 0.8Hz/150%(V/F) |
| | | 1:500(SVC) |
| | | ±0.2% (SVC) ±0.5% (V/F) |
| | | 150% 5 1 |
| | | |
| | | S |
| | | |
| | | |
| | PID | |
| | | Modbus RTU Profinet |
| | | |
| | | DIDO: DIDO |
| | | |
| | | |
| | | 4 1 -10V +10V |
| | | 2 2 |



## GF630N03

| | | |
|---|---|---|
| | LED | |
| | | |
| | | 1000 1000 100 1%<br>3000 |
| | | -10 +40 40 1 1%<br>50<br>-10 |
| | | 95%RH |
| | | -20 +60 |
| | | 98% |
| | | Profinet |
| | | IP54 |
| | | 2.2kW 3.7kW |
| | | 2 |

| | | | |
|---|---|---|---|
| PN | PN02 | GDHF–APNX3 | Profinet |

GF6

GF6

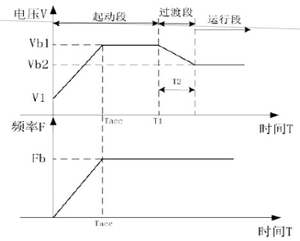
GF

1

GF

| | | |
|---|---|---|
| | | 380V 480V |
| | | 50/60Hz |
| | | - 15% +10% |
| | | fLN ± 2 ± 4 ≤ 2 fLN/s |
| | | 0 |
| | | 1 |
| | | 0 [illegible] |
| | | |
| | | / / |
| | | |

* *




0 - Ŏ 5 . ╣ 6 $ Ń - ǰ - ǵ

0 - Ŏ B . Ñ ɗ ○ $

# GF630N05






| | | |
|---|---|---|
| | | |
| | | |
| | | |

## GF630NGS

| | | | | | | [mm] H*W*D | kg |
|---|---|---|---|---|---|---|---|
| | A | kW | A | kW | | | |
| GF630NGS-0R4-4 | 1.5 | 0.4 | - | - | N1 | 260*140*191 | 3.5 |
| GF630NGS-0R7-4 | 2.3 | 0.75 | 1.5 | 0.4 | | | |
| GF630NGS-1R1-4 | 3 | 1.1 | 2.3 | 0.75 | | | |
| GF630NGS-1R5-4 | 3.7 | 1.5 | 3 | 1.1 | | | |
| GF630NGS-2R2-4 | 5.4 | 2.2 | 3.7 | 1.5 | | | |
| GF630NGS-3R7-4 | 9.9 | 3.7 | 5.4 | 2.2 | N2 | 260*140*191 | 4 |
| GF630NGS-5R5-4 | 14 | 5.5 | 9.9 | 3.7 | | | |
| GF630NGS-7R5-4 | 17 | 7.5 | 14 | 5.5 | | | 5 |
| GF630NGS-011-4 | 23 | 11 | 17 | 7.5 | | | |
| GF630NGS-015-4 | 31 | 15 | 23 | 11 | N3 | 302*180*194 | 6.5 |
| GF630NGS-018-4 | 37 | 18.5 | 31 | 15 | | | |
| GF630NGS-022-4 | 46 | 22 | 37 | 18.5 | N4 | 375*279*236 | 12.5 |
| GF630NGS-030-4 | 64 | 30 | 46 | 22 | | | |
| GF630NGS-037-4 | 74 | 37 | 64 | 30 | | | |
| GF630NGS-045-4 | 93 | 45 | 74 | 37 | N5 | 766*235*345.5 | 38 |
| GF630NGS-055-4 | 114 | 55 | 93 | 45 | | | |
| GF630NGS-075-4 | 154 | 75 | 114 | 55 | | | |
| GF630NGS-090-4 | 187 | 90 | 154 | 75 | N6 | 885*315*331.5 | 55 |
| GF630NGS-110-4 | 214 | 110 | 187 | 90 | | | |
| GF630NGS-132-4 | 264 | 132 | 214 | 110 | N7 | 965*390*345.5 | 80 |
| GF630NGS-160-4 | 302 | 160 | 264 | 132 | | | |
| GF630NGS-185-4 | 364 | 185 | 302 | 160 | N8 | 1093*492*376 | 120 |
| GF630NGS-200-4 | 395 | 200 | 364 | 185 | | | |
| GF630NGS-220-4 | 437 | 220 | 395 | 200 | | | |
| GF630NGS-250-4 | 484 | 250 | 437 | 220 | N9 | 1200*490*395.5 | 150 |
| GF630NGS-280-4 | 544 | 280 | 484 | 250 | | | |
| GF630NGS-315-4 | 609 | 315 | 544 | 280 | N10 | 1305*700*415 | 240 |
| GF630NGS-355-4 | 667 | 355 | 609 | 315 | | | |
| GF630NGS-400-4 | 719 | 400 | 667 | 355 | | | |
| GF630NGS-450-4 | 819 | 450 | 719 | 400 | | | |

1 0.4kW-37kW 45kW-450kW

2 0.4kW-37kW 45kW-110kW 132kW

3 LED

4 120% 5 1 150% 5 1



## GF630NGS

| | | |
|---|---|---|
| | | 380V 480V |
| | | 50/60Hz |
| | | -15% +10% |
| | | fLN±2% ±4%<br>≤2%fLN/s |
| | | 0 5% |
| | | 1% |
| | | 0 800Hz |
| | | |
| | | 1kHz 8kHz |
| | | 0.01Hz x0.1% |
| | | (SVC) V/F |
| | V/F | |
| | | 800Hz |
| | | 1:500(SVC) |
| | | ±0.2% (SVC) ±0.5% (V/F) |
| | | 120% 5 1<br>150% 5 1 |
| | | |
| | | |
| | | |
| | | |
| | PID | |
| | | CANopen ModbusRTU ProfibusDP Profinet |
| | | PID |
| | | / / |
| | | / / |
| | | 5 2 0 +10V 0mA/4mA 20mA |
| | | 3 1 2 2<br>0 +10V 0mA/4mA 20mA |