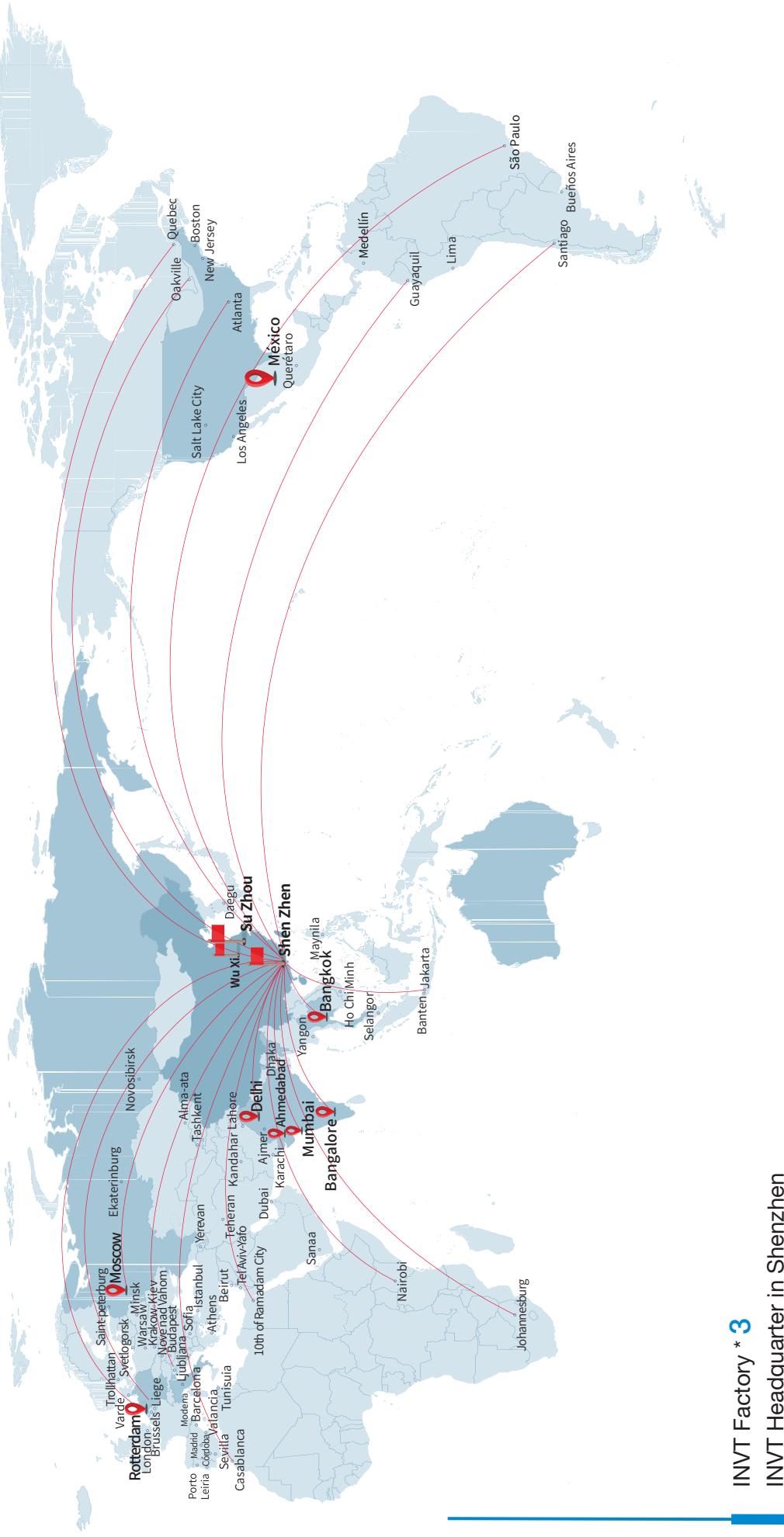


Marketing service network



INVIT Headquarter in Shenzhen

INVIT Overseas Subsidiaries :
More than 100 Overseas Da

More than 100 Overseas Partners

C O N C E P T U A L
S Y S T E M

Your trusted industry automation solution provider



invt

Service line: 86-755-23535967 E-mail:overseas@invvt.com.cn Website:www.invvt.com

SHENZHEN INVTEC ELECTRIC CO., LTD.

INVT Guangming Technology Building, Songbai Road, Matian, Guangming District, Shenzhen, China

Industrial Automation:

- Frequency AC Drive
 - Servo & Motion Control
 - Motor & Electric Spindle
 - PLC
 - HMI
 - Intelligent Elevator Contral System
 - Traction Drive
 - SVG
 - Solar Pump Controller
 - UPS
 - Online Energy Management System
 - New Energy Vehicle Electric Control System

NVT Co

Information may be subject to change without notice during product improvement.

66003-00241 20210111(V1.0)



GD350-IP55 Series

High-protection Multi-function VFD



Goodrive350 -IP55

GD350-IP55 is INV'T's latest high protection multifunction VFD. The IP55 protection rating provides the best protection experience for most harsh outdoor applications. GD350-IP55 also incorporates features such as ease of use, excellent performance, high scalability and wide usage. At the same time, an integrated AC switch also provides convenience and security for machine control and debugging.

Features



IP55 protection level



AC switch for safe control



Drive various motors



Strong scalability: support to insert 3 extension cards at the same time



Isolated air duct

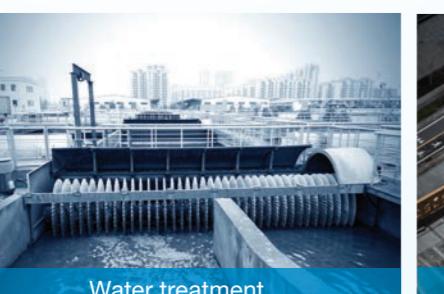


Sectional cover design makes the wiring simple

Application



Aquaculture farm



Water treatment



Fan

Type Selection

GD350 - 004G/5R5P - 45 - AS

① ② ③ ④ ⑤

Sign	Description	Remark
①	Abbreviation of product series	GD350: Goodrvie350 high-performance multi-function VFD
②	Power range + Load type	004G/5R5P: 4kW G: Constant torque load P:Fan and water pump
③	Voltage level	4: AC 3PH 380(-15%)~440V(+10%)
④	Protection level	5: IP55 level
⑤	Special remark	AS: AC input switch

Note:
Brake units have been built in the 37kW and lower VFD models as standard configuration.
Brake units are not standard configuration for the 45-110kW VFD models. (If you want to use braking units for these models, add suffix "-B" at the end of the model codes in your purchase orders, for example, GD350-045G/055P-45-AS-B.)

Power Ratings

Case	Model	Constant torque				Variable torque			
		Power (kW)	Input current (A)	Output current (A)	Carrier (kHz)	Power (kW)	Input current (A)	Output current (A)	Carrier (kHz)
1	GD350-004G/5R5P-45-AS	4	13.5	9.5	8	5.5	19.5	12.5	4
	GD350-5R5G/7R5P-45-AS	5.5	19.5	14	8	7.5	23	17	4
2	GD350-7R5G/11P-45-AS	7.5	25	18.5	8	11	30	23	4
	GD350-011G/015P-45-AS	11	32	25	8	15	40	32	4
3	GD350-015G/018P-45-AS	15	40	32	4	18.5	45	38	2
	GD350-018G/022P-45-AS	18.5	45	38	4	22	51	45	2
4	GD350-022G/030P-45-AS	22	51	45	4	30	64	60	2
	GD350-030G/037P-45-AS	30	64	60	4	37	80	75	2
5	GD350-037G/045P-45-AS	37	80	75	4	45	98	92	2
	GD350-045G/055P-45-AS	45	98	92	4	55	128	115	2
6	GD350-045G/055P-45-AS-B	45	98	92	4	55	128	115	2
	GD350-055G/075P-45-AS	55	128	115	4	75	139	150	2
	GD350-055G/075P-45-AS-B	55	128	115	4	75	139	150	2
	GD350-075G/090P-45-AS	75	139	150	2	90	168	170	2
	GD350-075G/090P-45-AS-B	75	139	150	2	90	168	170	2
	GD350-090G/110P-45-AS	90	168	180	2	110	201	215	2
	GD350-090G/110P-45-AS-B	90	168	180	2	110	201	215	2
	GD350-110G-45-AS	110	201	215	2	-	-	-	-
	GD350-110G-45-AS-B	110	201	215	2	-	-	-	-

Size & Weight table

Case	Power (kW)	Net weight (kg)	Gross weight (kg)	Product size (mm)	Carton size (mm)
1	4-5.5	7	8.5	196*403*260.5	545*285*370
2	7.5-15	13	15.4	223*475*289.4	605*355*400
3	18.5-22	21	23.6	274*522*279.5	680*390*425
4	30-37	26.5	29.5	318*587*290	770*420*440
5	45-55	48.2	52	338*800*336.7	990*480*515
6	75-110	64	82.8	370*788*380	945*480*600

Product Specification

Function description	Specification
Power input	Input voltage (V) Input current (A)
Power output	Output Voltage (V) Output frequency (Hz)
Technical control performance	Control mode Motor type Speed regulation ratio Speed control precision Speed fluctuation Torque response Torque control precision Starting torque
Running control performance	Overload capacity Frequency setup mode Automatic voltage regulation function Fault protection function Speed tracking restart
Peripheral interface	Analog input Analog output Digital input Digital output Relay output Communication interface STO input
Optional cards	Expansion interface Expansion I/O card Communication card PG card Programmable card Wireless communication
Others	Installation mode Temperature Protection level Cooling mode Braking unit STO level EMC filter