

Model	Input reactor	DC reactor	Output reactor
GD300-004G/5R5P-4-EP	ACL2-004-4	—	OCL2-004-4
GD300-5R5G/7R5P-4-EP	ACL2-5R5-4	—	OCL2-5R5-4
GD300-7R5G/011P-4-EP	ACL2-7R5-4	—	OCL2-7R5-4
GD300-011G/015P-4-EP	ACL2-011-4	—	OCL2-011-4
GD300-015G/018P-4-EP	ACL2-015-4	—	OCL2-015-4
GD300-018G/022P-4-EP	ACL2-018-4	—	OCL2-018-4
GD300-022G/030P-4-EP	ACL2-022-4	—	OCL2-022-4
GD300-030G/037P-4-EP	ACL2-030-4	—	OCL2-030-4
GD300-037G/045P-4-EP	ACL2-037-4	DCL2-037-4	OCL2-037-4
GD300-045G/055P-4-EP	ACL2-045-4	DCL2-045-4	OCL2-045-4
GD300-055G/075P-4-EP	ACL2-055-4	DCL2-055-4	OCL2-055-4
GD300-075G/090P-4-EP	ACL2-075-4	DCL2-075-4	OCL2-075-4
GD300-090G/110P-4-EP	ACL2-090-4	DCL2-090-4	OCL2-090-4
GD300-110G/132P-4-EP	ACL2-110-4	DCL2-110-4	OCL2-110-4
GD300-132G/160P-4-EP	ACL2-132-4	DCL2-132-4	OCL2-132-4
GD300-160G/200P-4-EP	ACL2-160-4	DCL2-160-4	OCL2-160-4
GD300-200G/220P-4-EP	ACL2-200-4	DCL2-200-4	OCL2-200-4
GD300-220G/250P-4-EP	ACL2-220-4	DCL2-220-4	OCL2-220-4
GD300-250G/280P-4-EP	ACL2-250-4	DCL2-250-4	OCL2-250-4
GD300-280G/315P-4-EP	ACL2-280-4	DCL2-280-4	OCL2-280-4
GD300-315G/350P-4-EP	ACL2-315-4	DCL2-315-4	OCL2-315-4
GD300-350G/400P-4-EP	Standard	DCL2-350-4	OCL2-350-4
GD300-400G-4-EP	Standard	DCL2-400-4	OCL2-400-4
GD300-500G-4-EP	Standard	DCL2-500-4	OCL2-500-4

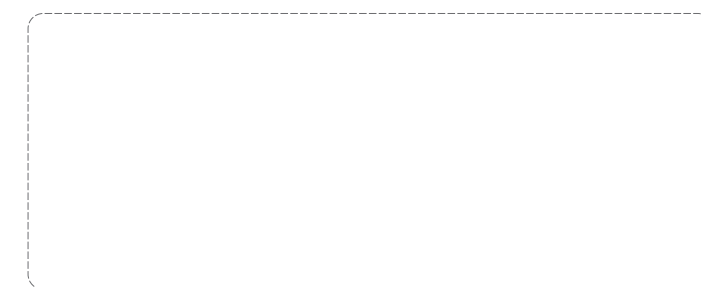
Model	Input filter	Output filter
GD300-004G/5R5P-4-EP	FLT-P04016L-B	FLT-L04016L-B
GD300-5R5G/7R5P-4-EP	FLT-P04032L-B	FLT-L04032L-B
GD300-7R5G/011P-4-EP		
GD300-011G/015P-4-EP		
GD300-015G/018P-4-EP		
GD300-018G/022P-4-EP	FLT-P04045L-B	FLT-L04045L-B
GD300-022G/030P-4-EP	FLT-P04065L-B	FLT-L04065L-B
GD300-030G/037P-4-EP	FLT-P04150L-B	FLT-L04150L-B
GD300-037G/045P-4-EP		
GD300-045G/055P-4-EP		
GD300-055G/075P-4-EP		
GD300-075G/090P-4-EP	FLT-P04240L-B	FLT-L04240L-B
GD300-090G/110P-4-EP		

Filters



Innovation, Value, Teamwork

Goodrive300 EPS Special Inverter



SHENZHEN INVT ELECTRIC CO., LTD. No. 4 Building, Gaofa Scientific Industrial Park, Longjing, Nanshan District, Shenzhen, China

- Electric Drive:
 - Frequency Inverter
 - Intelligent Elevator Control System
 - Traction Drive
- Industrial control:
 - Servo & Motion Control
 - Motor & Electric Spindle
 - PLC
 - HMI
- New energy:
 - SVG
 - Solar Inverter
 - UPS
 - Online Energy Management System



Brief introduction

Based on the hardware of INVT Goodrive300 inverters, Goodrive300 EPS special inverter has the mains synchronization function and can be used on EPS power supply, shore power and other power supplies special for inverters.



EPS

Applications: municipal public facilities and buildings, as well as large industrial enterprises, including subways, tunnels, airports, sewage treatment plants, hospitals, large stadiums, supermarkets, high-rise buildings, chemical companies, building materials enterprises, metallurgical enterprises and electric power companies.

Shore Power System

Applications: Shipping and port.

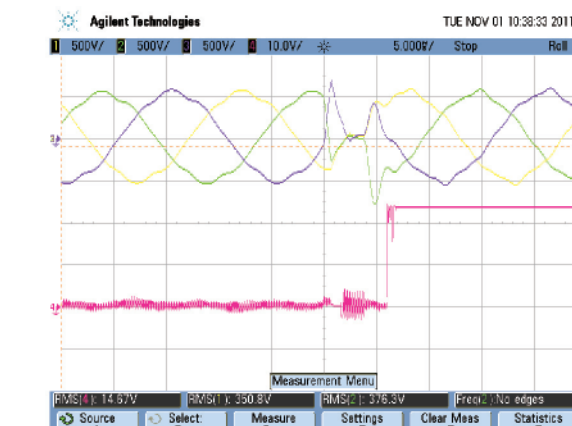
Power supply special for inverters

Applications: Mechanical and electrical manufacturing companies, such as central air-conditioning manufacturer and machine testing station.

Special functions

Commercial power genlock control

The inverter can track the input voltage through a special commercial power synchronous terminal card and keep the output voltage the same with the grid. The positive and negative sequence status of the inverter input power can be viewed through function codes.



Remark: curve 1, 2 and 3 stands for the UVW three phase output signals and curve 4 stands for the phase-locked output signal. The shock represents the lock-in process.

Output voltage closed-loop feedback control

Closed-loop control the EPS output voltage and improve the accuracy.

V/F Separation control

V/F Separation and setting are available.

Fast output

Output of the reference frequency without any acceleration

Output phase-shift control

The phase replacement caused by transformer can be compensated automatically through the output phase detection or compensated by manual function code setting (angle compensation).

Fault reset and setting

Support automatic fault reset, and the reset time and interval time can be set.

Drive various motors



- Remarks:
1. Traditional permanent magnet synchronous motor includes SPM and IPM
 2. Inverter motor including high-speed spindle, etc.