

Gallagher Cabinets



Gallagher Cabinets are secure enclosures for the Gallagher Controllers 6000, 3000 and 5000GL, and Gallagher GBUS and LOCAL BUS I/O Devices.

There are three housing options for the modular Gallagher printed circuit boards (PCBs). The sizes of the individual PCBs vary and are designed to be proportional to the footprint of the cabinets.

1. Gallagher Cabinet

Manufactured from a strong polycarbonate/ABS plastic alloy, the Gallagher Cabinet has a UL94 flame rating of HB. It provides one footprint for Gallagher Controllers and LOCAL BUS I/O PCBs. When a PCB is installed, optical tamper protection is provided for both the front and the rear.

One Cabinet houses any one of the following options:

- 1x Gallagher Controller (6000, 3000 or 5000GL)
- 1x Gallagher 4R or 8R Module
- 1x Gallagher I/O Interface
- 1x Gallagher Relay Interface
- 1x Gallagher Reader I/O Interface
- 2x Gallagher Universal Reader Interfaces
- 2x Gallagher Strike Controllers
- 1x Gallagher High Density I/O Interface. A second Gallagher High Density I/O Interface can be installed in a single cabinet using standoffs.

2. Gallagher GBUS I/O Accessory Cabinet

A variation of the Gallagher Cabinet, the Gallagher GBUS I/O Accessory Cabinet is a secure enclosure providing one footprint for Gallagher GBUS I/O devices. This cabinet is supplied with a mounting plate and tamper board.

The input/output expansion boards are modular, designed to be mounted on the mounting plate in the following combinations:

- Up to 4x Gallagher 8-Input Expansion or Gallagher GBUS Universal Reader Interfaces, or
- Up to 2x Gallagher I/O Expansion Interfaces, or
- 1x Gallagher I/O Expansion and up to 2x Gallagher 8-Input Expansion or Gallagher GBUS Universal Reader Interfaces



3. Gallagher Dual Cabinet

The Gallagher Dual Cabinet is a secure steel enclosure accommodating two footprints, doubling the housing capacity for any combination of Gallagher PCBs. When the PCB is installed, optical tamper protection is provided for both the front and rear of the Cabinet. The Cabinet is also available with an optional 8 Amp power supply which has visible indicators for 'low mains' and 'low battery' power monitoring. A separate mounting plate and tamper board is available to enable Gallagher GBUS I/O Devices (excluding the Gallagher High Density I/O Interface) to be fitted with optical tamper protection.



All devices must be mounted in the Cabinets following the installation instructions to comply with international emission standards such as C-Tick, CE and FCC.

Gallagher Controller Sub-Plate

The Gallagher Controller Sub-Plate is designed to be mounted over a Gallagher Controller 5000GL to allow either of the following to be installed in the same footprint:

- 1x Gallagher I/O Expansion Interface
- 2x Gallagher 8-Input Expansion Interfaces.

It can also be installed over a Gallagher Controller 3000 where there is no Gallagher Dialler.

GALLAGHER CABINET AND GALLAGHER GBUS I/O ACCESSORY CABINETS		JANUARY 2013
Housing (Provides 1 footprint)	Height x Width x Depth Weight	280 mm x 280 mm x 94 mm 1.9 kg
Environmental Data	Temperature Range Humidity Protection Rating	-10° to +55° C 95% non-condensing IP44
Fire Resistance	Flame rating of plastic used in Cabinet	UL94/VO
Compliance Standards	Compliance with other international standards will be proven as required. Please contact Gallagher for the latest list of approvals. All Gallagher products must be installed in accordance with the Installation instructions to comply with international standards. C-Tick, CE	  ACN 002132943 14RM

GALLAGHER DUAL CABINET		
Housing (Provides 1 footprint)	Height x Width x Depth Weight	620 mm x 372 mm x 150 mm 6.8 kg
Material		Aprox 1mm thick steel
Humidity		90% non-condensing

GALLAGHER POWER SUPPLY UNIT		
Construction	Mean Well AD-155A PSU with customized monitoring board and isolated auxiliary power output. Please see the Dual Cabinet and Power Supply Installation Note for full specifications.	
Input Voltage	100 V AC - 240 V AC	
Output Voltage	Primary power output Auxiliary isolated power output	13.8 V DC 13.5 V DC
Current Range	Total output current: 8A (10A with cooling fan - fan not included)	
	Primary output current range: 0-8A (including max. 0.5A battery output)	
	Auxiliary isolated output current range	0 - 1 A*
*Total current output (primary + auxiliary outputs) may be configured to a maximum of 8A		
Working Temperature	-10° to +50° C	
Standards Compliance	EN55022 (EMC Standard) EN60950 (Safety)	
Built in Protection	Short circuit/Over load/Over voltage protection Battery low and polarity protection	
Monitoring	(Mains power and low battery monitoring via visual LED indicators and Gallagher Command Centre alarms)	

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Disclaimer: System configuration, network capacities and the volume of system activity affect performance. Please contact Gallagher for advice. In accordance with the Gallagher policy of continuing development, design and specifications are subject to change without notice. Gallagher Group Limited is an ISO 9001:2008 Certified Supplier. Copyright © Gallagher Group Limited 2012. All rights reserved.

