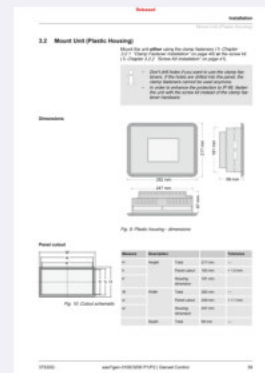


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

Woodward 8440-2050

easYgen-3200-5/P1 Genset Control



PRODUCT	8440-2050
FAMILY	easYgen-3000 Series
FUNCTION	easYgen-3200-5/P1 Genset Control
STATUS	Verify exact configuration

Prepared by Amikon Limited from Woodward Product Specification 37258 and Technical Manual 37532G. This guide does not replace the complete manufacturer manual, site procedure, hazardous-area drawing, or approval document.

01 CONFIRM THE ORDERED CONFIGURATION

Product model	8440-2050
Product designation	easYgen-3200-5/P1 genset control
Current-transformer input	5 A
Housing and display	Front-panel plastic housing with color display
Supply voltage	12/24 V DC; operating range 8 to 40 V DC
Power consumption	Maximum 17 W
Measured generator current	Three-phase true RMS

02 MOUNTING AND CONNECTION

- Confirm the 8440-2050 nameplate, easYgen-3200-5/P1 package, current firmware revision, and approved wiring drawings before work begins.
- Isolate generator, mains, auxiliary supply, current-transformer, and breaker-control circuits according to the site safety procedure.
- Prepare the panel cutout and mounting holes to the dimensions and tolerances shown in Woodward manual 37532.
- Mount the controller with the supplied clamps or screw kit and avoid excessive clamping force on the plastic housing.
- Connect protective earth, 12/24 V DC power, voltage and current measurement, breaker outputs, discrete I/O, and communication wiring exactly as documented.

03 OFFICIAL INSTALLATION REFERENCE

Released

Installation

Mount Unit (Plastic Housing)

3.2 Mount Unit (Plastic Housing)

Mount the unit **either** using the clamp fasteners (% Chapter 3.2.1 "Clamp Fastener Installation" on page 40) **or** the screw kit (% Chapter 3.2.2 "Screw Kit Installation" on page 41).



- Don't drill holes if you want to use the clamp fasteners. If the holes are drilled into the panel, the clamp fasteners cannot be used anymore.
- In order to enhance the protection to IP 66, fasten the unit with the screw kit instead of the clamp fastener hardware.

Dimensions

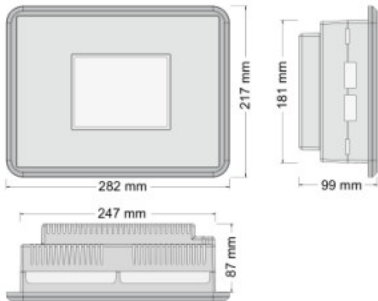


Fig. 9: Plastic housing - dimensions

Panel cutout

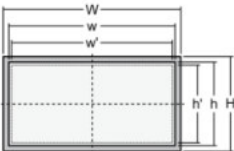


Fig. 10: Cutout schematic

Measure	Description			Tolerance
H	Height	Total	217 mm	---
h		Panel cutout	183 mm	+ 1.0 mm
h'		Housing dimension	181 mm	
W	Width	Total	282 mm	---
w		Panel cutout	249 mm	+ 1.1 mm
w'		Housing dimension	247 mm	
	Depth	Total	99 mm	---

Official manufacturer reference reproduced from Woodward Product Specification 37258 and Technical Manual 37532G. Use the current source document and all referenced drawings and notes for installation.

04

CABLE ROUTING AND CONNECTION

- Isolate generator, mains, auxiliary supply, current-transformer, and breaker-control circuits according to the site safety procedure.
- Prepare the panel cutout and mounting holes to the dimensions and tolerances shown in Woodward manual 37532.
- Mount the controller with the supplied clamps or screw kit and avoid excessive clamping force on the plastic housing.
- Connect protective earth, 12/24 V DC power, voltage and current measurement, breaker outputs, discrete I/O, and communication wiring exactly as documented.
- Before return to service, verify CT secondary integrity, phase assignment, breaker feedback, protection settings, communications, alarms, and operating modes.

05

INITIAL SYSTEM CHECKS

- Confirm model identity and compatible system components before energizing.
- Verify wiring, grounding, enclosure, and applicable hazardous-area requirements.
- Confirm normal indications and fault-contact state after commissioning.
- Record the installed order number and baseline operating condition.

06

CONTROLLED DOCUMENTS

Official source	Woodward Product Specification 37258 and Technical Manual 37532G
Product record	8440-2050
Manufacturer	Woodward
Support	INFO@AMIKON.CN