

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Woodward 8440-2050

easYgen-3200-5/P1 Genset Control



MODEL	CT INPUT	SUPPLY	WEIGHT
easYgen-3200-5/P1	5 A	12/24 V DC	1.85 kg

Woodward 8440-2050 is the easYgen-3200-5/P1 genset control with 5 A current-transformer inputs, front-panel mounting, and a color display. It is intended for generator-set management with mains, generator, and busbar measurement, breaker control, protection, and load-management functions.

01 VERIFIED PRODUCT PARAMETERS

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
Communication	CAN; RS-232; RS-485 Modbus RTU
Operating temperature	-20 to +70 deg C
Protection	Front IP66 with screws or IP54 with clamps; rear IP20
Dimensions	28.2 x 21.7 x 9.9 cm
Weight	Approximately 1.85 kg

Technical values were verified against Woodward Product Specification 37258 and Technical Manual 37532G. Confirm the exact order number and current controlled documentation before procurement or installation.

02 MODEL CONFIGURATION VERIFICATION

Product model	8440-2050
Product designation	easYgen-3200-5/P1 genset control
Panel cutout	24.9 x 18.3 cm with documented tolerances
Origin	USA - user confirmed

03 SYSTEM ROLE AND APPLICATIONS

The controller supports single- and multiple-unit operation, including mains-parallel operation for up to 32 connected generator sets. Configuration and commissioning must follow the applicable Woodward manual, the installed P1 hardware package, current-transformer rating, wiring, and site protection scheme.

- Automatic mains-failure and standby generator control
- Peak-shaving operation with generator sets
- Grid import and export power control
- Cogeneration system control
- Distributed-generation and multi-genset load management

04 OFFICIAL INSTALLATION FACTS

- 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.

05 OFFICIAL DOCUMENTATION

[Woodward Product Specification 37258 and Technical Manual 37532G](#)

AMIKON PRODUCT SUPPORT

Amikon Limited | INFO@AMIKON.CN