



RP-3000

Remote Panel for easYgen-3000 Series Genset Controls

DESCRIPTION

The **RP-3000** is a remote control and annunciation panel for use with the back-panel mounted **easYgen-3100** or door-mounted **easYgen-3200** genset controls.

It offers switchgear builders an off-the-shelf HMI option for any application where remote control is desired, such as hospitals, marine switchboards, drill platforms, data centers, landfill and wastewater gas-to-power applications or other outdoor switchgear installations.

The **RP-3000** is an ideal solution for door-mounted applications, providing control from the front panel with greatly reduced wiring to the access door, while keeping high-voltage connections located safely on the back panel.

The **RP-3000** allows remote control, remote visualization (including a synch-scope), and password-protected remote configuration of the **easYgen-3000 Series** generator controls, with access to its complete menu structure and all parameter settings.

It has the same look and feel of the **easYgen-3200** genset control, enabling user-friendly transition between genset control sources.

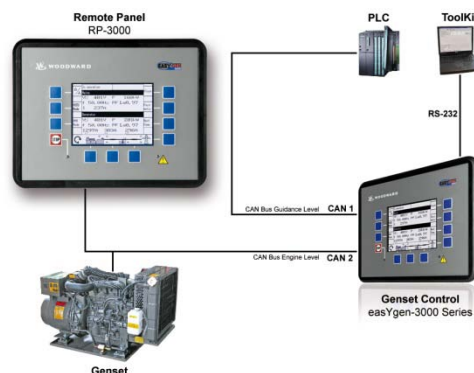
Each **RP-3000** remote panel communicates with a single **easYgen-3000 Series** genset control via CAN communication. A single relay output is provided to signal "Ready for Operation".



- Remote annunciation and remote control of the easYgen-3000 Series generator controls
- Password-protected remote configuration for all parameter settings
- Same look and feel as the easYgen-3200 display
- CAN communication to genset control
- Multi-lingual Capability
- CE Marked
- UL Listing
- LR & ABS Marine

Features

- Each **RP-3000** connects directly to one **easYgen-3100** or **easYgen-3200** via CAN Bus communication port
- Output relay signal indicates "Ready for Operation"
- Multi-lingual display capability (English, German, French, Spanish, Chinese, Japanese, Italian, Portuguese, Turkish, Russian, Polish)



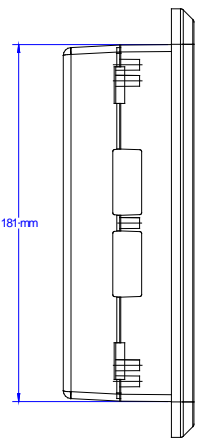
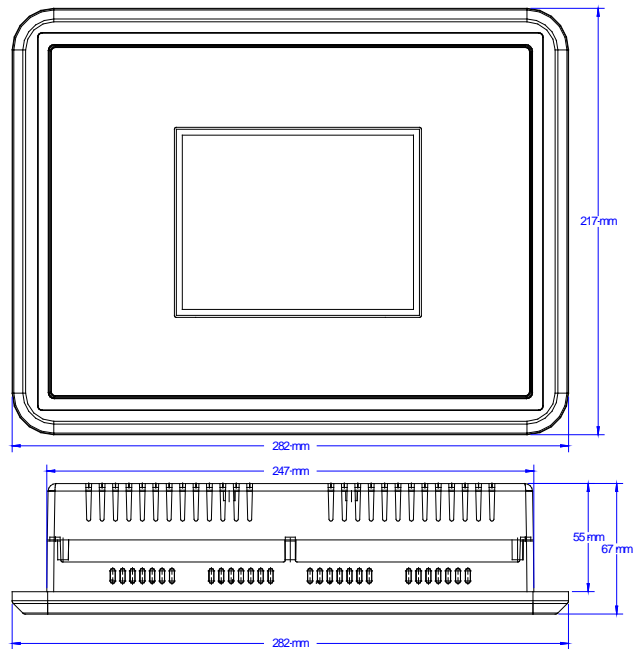
SPECIFICATIONS

Power supply..... 12/24 Vdc (8 to 40 Vdc)
Intrinsic consumptionmax. 12 W
Ambient temperature (operation).....-20 to 70 °C / -4 to 158 °F
Ambient temperature (storage).....-30 to 80 °C / -22 to 176 °F
Ambient humidity.....95 %, non-condensing
Relay outputpotential free
Contact material.....AgCdO
Load (GP).....2.00 Aac@250 Vac
.....2.00 Adc@24 Vdc / 0.36 Adc@125 Vdc / 0.18 Adc@250 Vdc
Pilot duty (PD).....
.....1.00 Adc@24 Vdc / 0.22 Adc@125 Vdc / 0.10 Adc@250 Vdc

Housing Front panel flush mounting Plastic housing
Dimensions WxHxD 282 × 217 × 67 mm
Front cutout WxH 249 [+1.1] × 183 [+1.0] mm
Connection..... screw/plug terminals 2.5 mm²
Front..... insulating surface
Sealing Front..... IP66 (with screw fastening)
Front..... IP54 (with clamp fastening)
Back IP10
Weight..... approx. 1,300 g
Disturbance test (CE) tested according to applicable EN guidelines
Listings UL
MarineLR (Type Approval), ABS (Design Assessment)

DIMENSIONS

Plastic housing for front panel mounting





International
Woodward
PO Box 1519
Fort Collins CO, USA
80522-1519
1000 East Drake Road
Fort Collins CO 80525
Ph: +1 (970) 482-5811
Fax: +1 (970) 498-3058

Europe
Woodward GmbH
Handwerkstrasse 29
70565 Stuttgart, Germany
Ph: +49 (0) 711 789 54-0
Fax: +49 (0) 711 789 54-100
email: stgt-info@woodward.com

Distributors & Service
Woodward has an international network of distributors and service facilities. For your nearest representative, call the Fort Collins plant or see the Worldwide Directory on our website.

www.woodward.com/power

For more information contact:

Subject to technical modifications.

This document is distributed for informational purposes only. It is not to be construed as creating or becoming part of any Woodward Governor Company contractual or warranty obligation unless expressly stated in a written sales contract.


We appreciate your comments about the content of our publications. Please send comments including the document number below to
stgt-doc@woodward.com

© Woodward

All Rights Reserved

37446B - 2010/05/Stuttgart

FEATURES OVERVIEW

| | | | |
|---|--|---------------------|---------|
|  | | Model | RP-3000 |
| HMI | | | |
| Soft keys (advanced LC display) | | <i>DynamicsLCD™</i> | Yes |
| I/Os | | | |
| CAN bus communication interfaces | | <i>FlexCAN™</i> | 1 |
| RS-232 | | | 1 |
| Relay output (Ready for operation) | | | 1 |
| Listings/Approvals | | | |
| UL Listing | | | ✓ |
| LR Marine Type Approval | | | ✓ |
| ABS Marine Design Assessment | | | ✓ |
| CE Marked | | | ✓ |
| Part Numbers | | | |
| Front panel mounting with display | | P/N 8446- | 1014 |
| | | P/N 8446- | 1018 |
| | | P/N 8446- | 1019 |
| Spare connector kit | | P/N 8923- | 1314 |

RP-3000 OVERVIEW

The RP-3000 Remote Panel is currently available in different versions. The following RP-3000 configurations are possible:

| easYgen 3000 Series | RP-3000 P/N 8446-1014 | RP-3000 P/N 8446-1018 | RP-3000 P/N 8446-1019 |
|--|--------------------------|--------------------------|--------------------------|
| easYgen-3000 Series Package P2 (Software Version 1.13) P/N 8440-1842 P/N 8440-1843 P/N 8440-1844 P/N 8440-1845 | ✓ ¹ | - | - |
| easYgen-3000 Series Package P1 (Software Version ≥ 1.15) P/N 8440-1922 P/N 8440-1923 P/N 8440-1930 P/N 8440-1931 | - | ✓ | - |
| easYgen-3000 Series Package P2 (Software Version ≥ 1.15) P/N 8440-1924 P/N 8440-1925 P/N 8440-1932 P/N 8440-1933 | - | - | ✓ |

¹ For existing devices only. Please take notice that software version 1.13 will be no longer available.