



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.

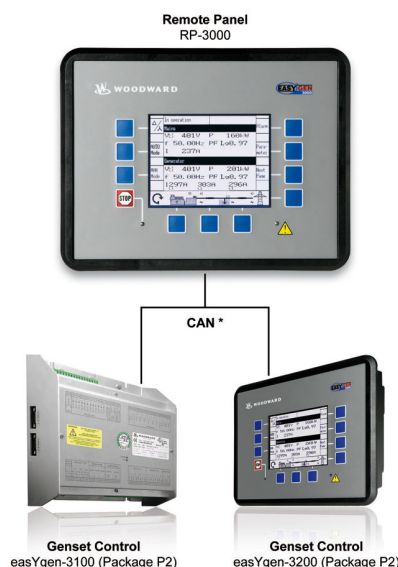
It offers switchgear builders an off-the-shelf HMI option for any application where remote control is desired, such as hospitals, marine switchboards, drill platforms, data centers, landfill and wastewater gas-to-power applications or other outdoor switchgear installations.

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".

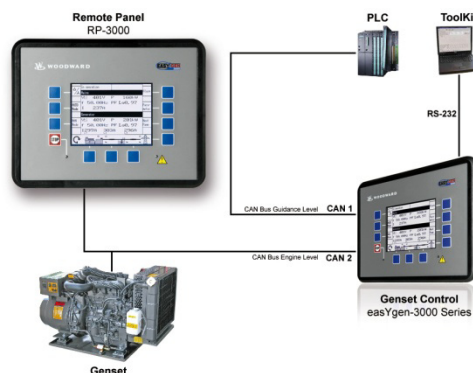


* only one easYgen can be connected at once.

- 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 Marine Approval
- ABS Marine Design Approval

Features

- Each **RP-3000** connects directly to one **easYgen-3100** or **easYgen-3200** (Package P2 versions) 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)



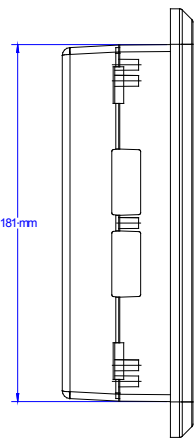
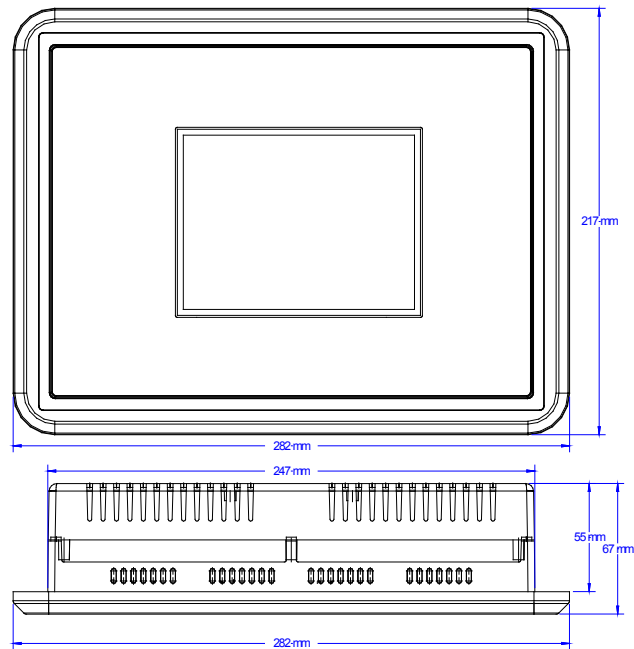
SPECIFICATIONS

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
Marine Approvals..... LR, ABS (Design Approval)

DIMENSIONS

Plastic housing for front panel mounting



Subject to technical modifications.

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Distributors & Service

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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 Approval			✓
ABS Marine Design Approval			✓
CE Marked			✓
Part Numbers			
Front panel mounting with display ¹		P/N 8446-	1014
Spare connector kit		P/N 8923-	1314

¹ The RP-3000 is currently available for use with easYgen-3100 and easYgen-3200 Package P2 versions only. Compatibility with Package P1 versions is pending.