



# 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-3100/3400** or door-mounted **easYgen-3200/3500** genset controls.

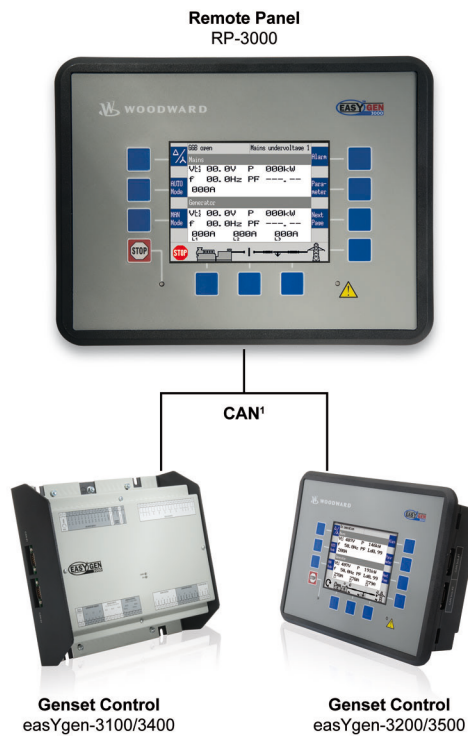
It offers switchgear builders an off-the-shelf HMI option for any application where remote control is desired, such as hospitals, marine switchboards, drill platforms, data centers, landfill and wastewater gas-to-power applications or other outdoor switchgear installations.

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 as the **easYgen-3200** or **easYgen-3500** genset control.

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".

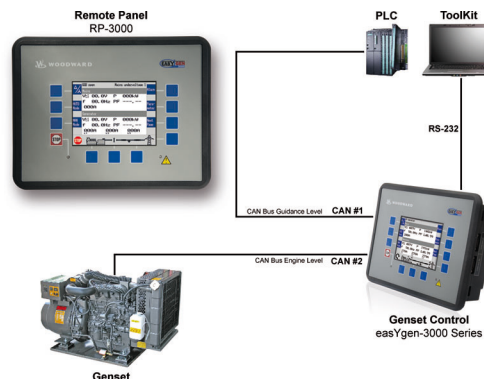


<sup>1</sup> Only one easYgen can be connected at once.

- 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-3200/3500 display
- Color display
- CAN communication to genset control
- Multi-lingual Capability
- CE Marked
- UL / cUL Listing
- LR & ABS Marine
- DNV<sup>1</sup>

## Features

- Each **RP-3000** connects directly to one **easYgen-3100/3400** or **easYgen-3200/3500** via CAN Bus communication port
- Output relay signal indicates "Ready for Operation"
- Multi-lingual display capability



<sup>1</sup> For details see last page

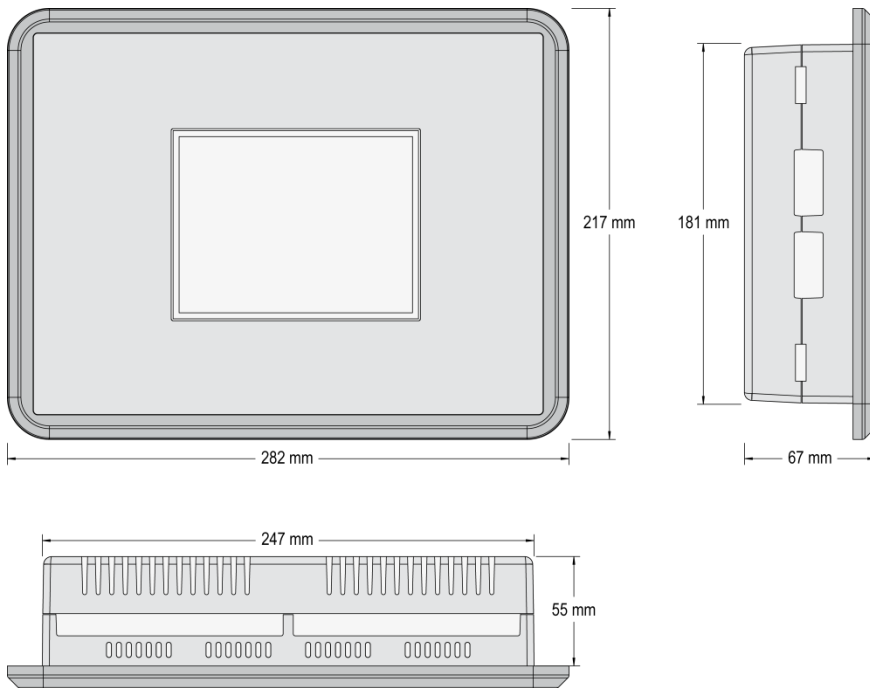
# SPECIFICATIONS

**Power supply** ..... 12/24 Vdc (8 to 40 Vdc)  
 Intrinsic consumption ..... max. 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 output** ..... potential 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 mm<sup>2</sup>  
 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 / cUL  
**Marine** ..... LR (Type Approval), ABS (Design Assessment), DNV

# DIMENSIONS

## Plastic housing for front panel mounting



# TERMINAL DIAGRAM

			Serial RS-232 isolated (Interface #1)	
			Relay [R 01] isolated Fixed to „Ready for operation“	[R 01] 
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			Protective earth PE	 61
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			Power supply	63
			12/24 Vdc 8 to 40 Vdc 0 Vdc	64
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		RP-3000 Remote Panel	CAN bus Guidance level isolated (Interface #2)	

Subject to technical modifications.

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## FEATURES OVERVIEW

		Model	RP-3000
<b>HMI</b>			
Soft keys (advanced LCD display)	<i>DynamicsLCD™</i>		Yes
Color display			✓
<b>I/Os</b>			
CAN bus communication interfaces	<i>FlexCAN™</i>		1
RS-232			1
Relay output ( Ready for operation )			1
<b>Listings/Approvals</b>			
UL / cUL Listing			✓
LR Marine Type Approval			✓
ABS Marine Design Assessment			✓
DNV			✓ (P/N 8446-1046 only)
CE Marked			✓
<b>Part Numbers</b>			
Front panel mounting with display (easYgen-3100/3200/3400/3500)	P/N 8446-		1048
Front panel mounting with display (easYgen-3400/3500 Marine)	P/N 8446-		1046
Spare connector kit	P/N 8923-		1314

## RP-3000 OVERVIEW

The following easYgen-3000 genset controls are supported by the RP-3000 remote panel.

RP-3000	P/N 8446-1048	P/N 8446-1046
easYgen-3100/3200 Package P1 <sup>1</sup> / Package P2 <sup>2</sup>	✓	-
easYgen-3400/3500 Package P1	✓	-
easYgen-3400/3500 Marine Package P1	-	✓

<sup>1</sup> easYgen-3100/3200 Package P1 software version 1.15xx or higher.

<sup>2</sup> easYgen-3100/3200 Package P2 software version 1.13xx or higher.