



RP-3000

Remote Panel for easYgen-3000 Series Genset Controls

DESCRIPTION

The **RP-3000** is a remote control and annunciation panel for use 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".

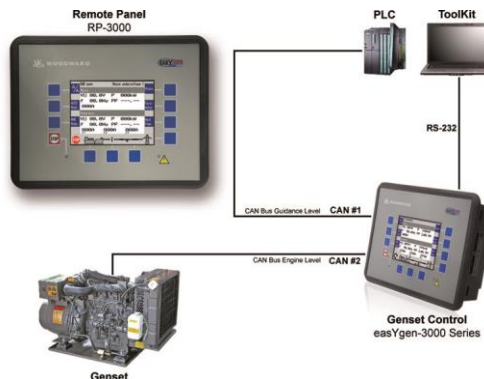


¹ Only one easYgen can be connected at once.

- 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, GL, BV¹

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



¹ For details see last page

SPECIFICATIONS

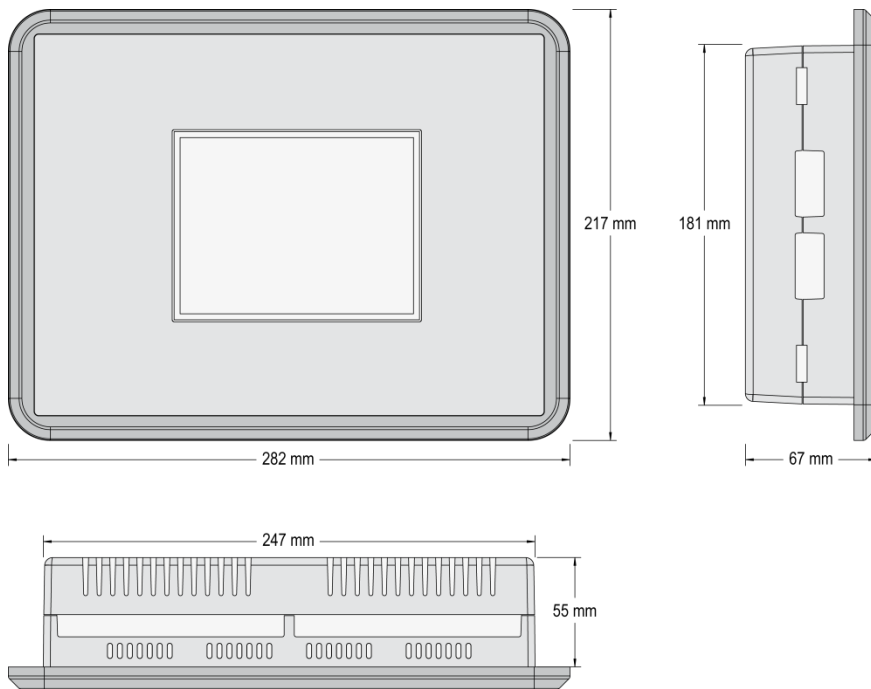
Power supply 12/24 Vdc (8 to 40 Vdc)
 Intrinsic consumption max. 12 W
 Ambient temperature (operation) -20 to 70 °C / -4 to 158 °F
 Ambient temperature (storage) -30 to 80 °C / -22 to 176 °F
 Ambient humidity 95%, non-condensing
Relay output potential free
 Contact material AgCdO
 Load (GP) 2.00 Aac@250 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

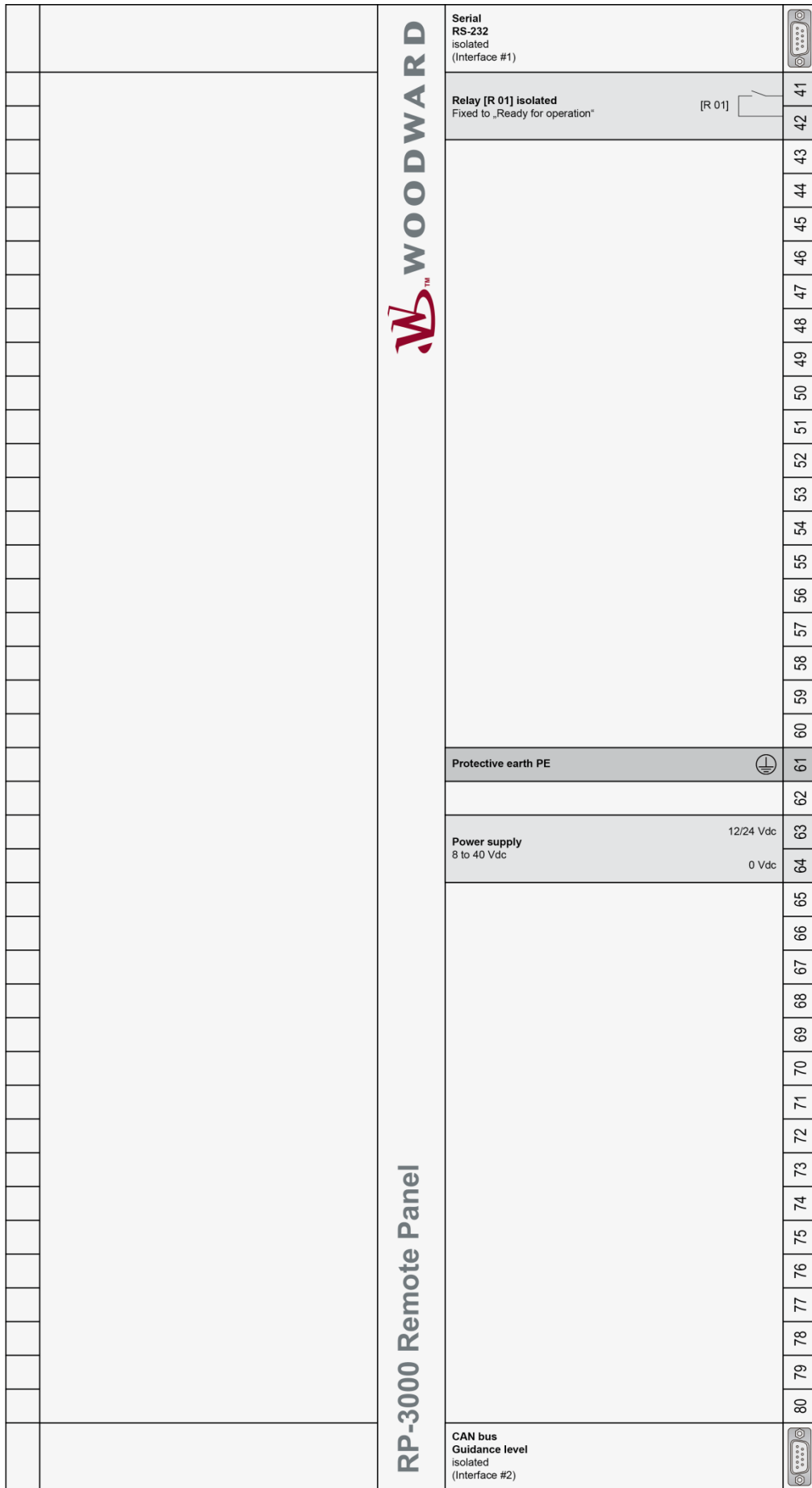
Dimensions WxHxD 282 × 217 × 67 mm
Front cutout WxH 249 [+1.1] × 183 [+1.0] mm
Connection screw/plug terminals 2.5 mm²
Front insulating surface
Sealing Front IP66 (with screw fastening)
 Front IP54 (with clamp fastening)
 Back IP10
Weight approx. 1,300 g
Disturbance test (CE) tested according to applicable EN guidelines
Listings UL / cUL
Marine LR (Type Approval), ABS (Type Approval), DNV, GL, BV

DIMENSIONS

Plastic housing for front panel mounting



TERMINAL DIAGRAM



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FEATURES OVERVIEW

		Model	RP-3000
HMI			
Soft keys (advanced LCD display)	<i>DynamicsLCD™</i>		Yes
Color display			✓
I/Os			
CAN bus communication interfaces	<i>FlexCAN™</i>		1
RS-232			1
Relay output (Ready for operation)			1
Listings/Approvals			
UL / cUL Listing			✓
LR Marine Type Approval			✓
ABS Marine Type Approval			✓
DNV, GL, BV (Bureau Veritas)			✓ (P/N 8446-1046 only)
CE Marked			✓
Hardware			
Plastic housing with display for front panel mounting (like easYgen-3200/3500/3500 Marine)			✓

RP-3000 ORDERING TABLE

The RP-3000 remote panels are supporting the following easYgen-3000 genset controls:

Remote Panel supporting easYgen-...		P/N
RP-3000 supporting easYgen-3100/3200-P1/P2	software version 1.17xx or higher	8446-1048
	... supporting easYgen-3400/3500-P1/P2	all	
	... supporting easYgen-3400/3500 Marine	all	8446-1046
	... supporting easYgen-3400- P1 Rental	all	8446-1059
Spare connector kit (for all types of Remote Panel)			8923-1314

NOTE

Please check your easYgen software revision and description to ensure the compatibility before placing Remote Panel order with Woodward.
 For easYgens not listed in the table above, please contact your Woodward partner to find your remote control solution.