





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 gasto-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".

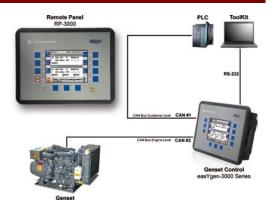


1 Only one easYgen can be connected at once

- 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
- DNV¹

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

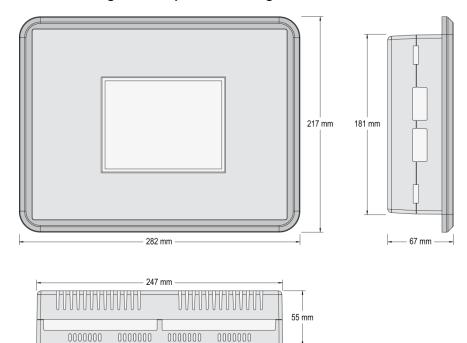
SPECIFICATIONS

Power supply	12/24 Vdc (8 to 40 Vdc)
Intrinsic consumption	
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 A	
Pilot duty (PD)	
1.00 Adc@24 Vdc / 0.22 A	Adc@125 Vdc / 0.10 Adc@250 Vdc

Housing Dimensions	Front panel flush mounting WxHxD	
Front cutout	WxH24	49 [+1.1] × 183 [+1.0] mm
Connection	scre	
Sealing	FrontIF	P66 (with screw fastening)
•	FrontIF	54 (with clamp fastening)
	Back	IP10
Weight		approx. 1,300 g
Disturbance test (0	CE) tested according to	applicable EN guidelines
Listings		UL / cUL
Marine	LR (Type Approval), A	BS (Type Approval), DNV

DIMENSIONS

Plastic housing for front panel mounting



	3 D	Serial RS-232 isolated (Interface #1)	
	M.WOODWAR	Relay [R 01] isolated Fixed to "Ready for operation" [R 01]	41
	>	Fixed to "Ready for operation	42
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	0		44
	0		45
	3		46
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			26
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		Protective earth PE	61
		Protective earth PE	62 61
		12/24 Vdc	
			62
		Power supply 12/24 Vdc 8 to 40 Vdc	63 62
		Power supply 12/24 Vdc 8 to 40 Vdc	64 63 62
		Power supply 12/24 Vdc 8 to 40 Vdc	65 64 63 62
		Power supply 12/24 Vdc 8 to 40 Vdc	66 65 64 63 62
		Power supply 12/24 Vdc 8 to 40 Vdc	67 66 65 64 63 62
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	3000 Remote Panel	Power supply 12/24 Vdc 8 to 40 Vdc	78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62
	RP-3000 Remote Panel	Power supply 12/24 Vdc 8 to 40 Vdc	79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62



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FEATURES OVERVIEW

EASY GEN	Model	RP-3000
НМІ		
Soft keys (advanced LCD display)	DynamicsLCD™	Yes
Color display		✓
I/Os		
CAN bus communication interfaces	FlexCAN™	1
RS-232		1
Relay output (Ready for operation)		1
Listings/Approvals		
UL / cUL Listing		✓
LR Marine Type Approval		✓
ABS Marine Type Approval		✓
DNV		√ (P/N 8446-1046 only)
CE Marked		✓
Part Numbers		
Front panel mounting with display (easYgen-3100/3200/34		1048
Front panel mounting with display (easYgen-3400/3500 M	arine) 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 P1¹ / Package P2²	✓	-
easYgen-3400/3500 Package P1	✓	1
easYgen-3400/3500 Marine Package P1	-	✓

 $^{^1}$ easYgen-3100/3200 Package P1 software version 1.15xx or higher. 1 easYgen-3100/3200 Package P2 software version 1.13xx or higher.