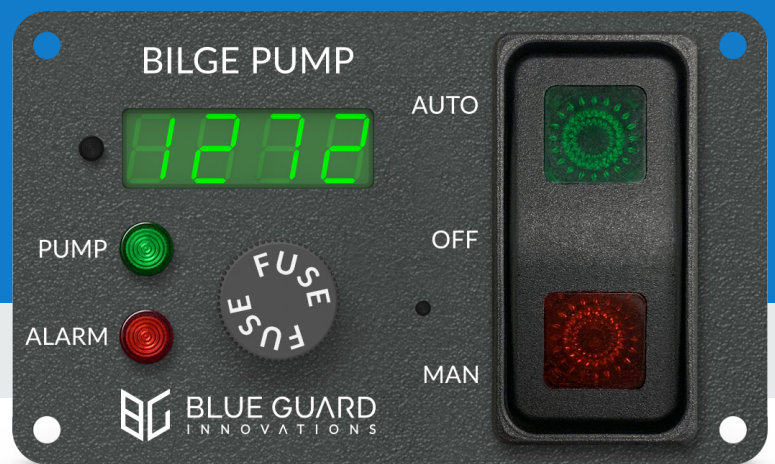# BG-CP-A

Advanced Control Panel

SPEC SHEET

OVERVIEW

The BG-CP-A (Advanced Control Panel) is an important and compact way to display and monitor bilge pump functions at the bridge of the vessel. All the essential functions of a bilge pump system are at the crew's finger tips. The control panel has one alarm detection LED with an accompanying 83 dB sound output audio alarm. The alarm can be used as a high water alarm, oil detection alarm, or any other available alarm on the vessel (e.g. fire).

The BG-CP-A includes a dedicated pump LED, an easy to read 4-digit display with a reset button, and a fuse holder located on the front panel. The illuminated three position pump switch has OFF, Auto, and momentary Manual override functions. The display shows the bilge pump count, run time, input voltage, and output current. The control panel also features three different brightness settings for the display and on-board memory to store the pump count in the event of a power outage to the panel.

FEATURES

Green LED
Pump running

Red LED
Alarm (e.g. high water, oil, fire)

Four Digit Display
Pump counter, voltage, current, pump run time

Reset Button (Pump Counter, Pump Run Time, Voltage, Current)
Reset — Press and hold for 3 seconds to reset counter
Cycle Display Information — Press 1 time to cycle through the last pump run time in minutes and seconds, voltage, and current
Adjust Display Brightness — Press and hold button while the display is showing voltage to adjust the brightness of the display and release on desired brightness

Bilge Pump Switch
Green Light ON — Pump in auto mode
OFF — Pump off, panel off
Manual Momentary Switch — Press to turn on, release to turn off

Voltage Compatibility
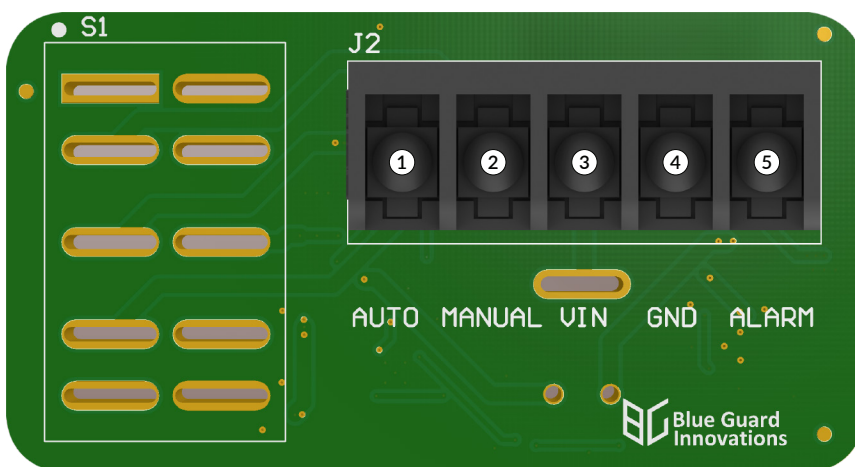12, 24, or 32 Vdc

Operations
Up to 20 amps

Alarm Buzzer
83 dB

Dimensions
(W x H x D) — 3.5 in x 2.1 in x 2.4 in

REAR ELECTRICAL BOARD

① **AUTO**
Pump Auto Control

② **MANUAL**
Pump Manual Control

③ **VIN**
12, 24, or 32 Vdc Power

④ **GND**
Supply Negative

⑤ **ALARM**
Alarm