

# GMDSS front panel for Mass 24/50-2



Product code: 21709200

Digital Volt and Ampere meter for Mass 24/50-2, in front panel.

Professional users will benefit from a front display with GMDSS alarm functions.

GMDSS stands for Global Maritime Distress and Safety System, an internationally agreed-upon set of safety procedures, types of equipment, and communication protocols that is a requirement for the SOLAS (Safety Of Life At Sea) convention and uses DSC and satellite communication.

Battery voltage and current are displayed on the digital panel.

# Specifications

## General specifications

Function	monitoring of the status of the battery and battery charger (12/24 V DC)
Supply voltage	8-32 V DC
Safe compass distance	standard 1 meter; steering: 0.3 mm
Display/read-out	LCD display and status LED's for DC voltage alarm, charger alarm and AC mains alarm
Current	110 mA (12 V) / 65 mA (24 V), normal operation mode without activated relays. Current accuracy: $\pm 2$ A (< 45 A), $\pm 4$ A (> 45 A)
Alarms	potential-free switch over contacts for DC voltage alarm, charger alarm and AC mains alarm. Max. switching current: 1 A
Dimensions	to be integrated in the battery charger
Dimensions shunt, hxwxh	M8, 84 x 44 x 44 mm
Weight	0.0 x 1.7 x 1.7 inch excl. shunt: 500 gr, incl. shunt: 1.1 kg 0.0 lb
Delivered with	interface, shunt, user's manual

## Technical specifications

Voltage range	0 - 62.7 V DC (0.1 V resolution); a 12 V or 24 V system is detected automatically V
Voltage accuracy	$\pm 0.2$ V (12 V), $\pm 0.4$ V (24 V)
Shunt specification	500 Amp / 50 mV (included with the delivery)
Current measurement range	-500 ... 500 A