

GMDSS remote panel



Product code: 70400050

Remote monitoring for Mass battery chargers, with GMDSS system monitoring functions. Battery voltage and current are displayed on the digital panel.

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.

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: $\pm 2 \text{ A}$ ($< 45 \text{ A}$), $\pm 4 \text{ A}$ ($> 45 \text{ A}$)
Alarms	potential-free switch over contacts for DC voltage alarm, charger alarm and AC mains alarm. Max. switching current: 1 A
Dimensions	180 x 65 x 40 mm, cut-out: 168 x 53 mm
Dimensions shunt, hxwxd	M8, 84 x 44 x 44 mm
Weight	0.0 x 1.7 x 1.7 inch excl. shunt: 400 gr, incl. shunt: 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	$\pm 0.2 \text{ V}$ (12 V), $\pm 0.4 \text{ V}$ (24 V)
Shunt specification	500 Amp / 50 mV (included with the delivery)
Current measurement range	-500 ... 500 A