LIFEBOAT AND RESCUE BOAT ACCESSORIES

# SD512-3 Lifeboat Battery Charger

ISO9001 Supplier

Class Certificate

Export Supply

SD512-3 Lifeboat Battery Charger SD 512-3/220 battery charger is a fully automatic battery managing and charging system controlled by a microprocessor. It can be used to charge and maintain all types of 24 volt bat...




## Key Highlights

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| **Category** | Lifeboat And Rescue Boat Accessories |
| **Standard** | EN |
| **Certificate** | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS |

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

## Technical Specifications

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|---|---|---|---|
| **Category** | Lifeboat And Rescue Boat Accessories | **Model / SKU** | SD512-3-Lifeboat-Battery-Charger |
| **Standard** | EN | **Certificate** | ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS |
| **Warranty** | 12 Months unless specified otherwise | **Origin** | China |

## China SD512-3 Lifeboat Battery Charger:

SD512-3 Lifeboat Battery Charger

SD 512-3/220 battery charger is a fully automatic battery managing and charging system controlled by a microprocessor. It can be used to charge and maintain all types of 24 volt batteries.
This smart charger contains an innovative 4-stage charging technology that applies an optimum charging process to your battery to maximize your battery's life! The four charging stages are trickle, bulk, absorption, and float. The trickle stage safely charges overly discharged batter ( the yellow light is on and the green light is flashing ) and protects a damaged or shorted battery from excessive current. When the battery voltage reaches 18V or higher, the bulk stage is started by applying a constant current to restore the maximum battery charge level in the shortest time. When the battery voltage reaches about 28.4V, the charger starts the absorption stage that applies a

constant voltage to the battery to bring the battery to 100% capacity. When the battery is fully charged, the green light is on. Then, the float stage tailors the constant voltage output to maintain the battery at full capacity while serving DC operated loads.

The charging voltage and current vary with time are shown in the following figure.
Main voltage:220VAC

Charge voltage:24VDC

Charge current:60ADC

