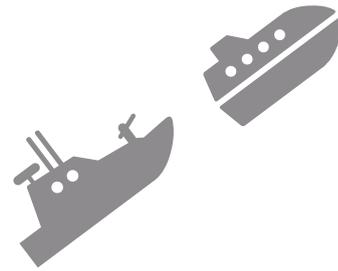




# Lifeboat & Rescue Charger

7A continuous charging

Versatile input 36V-62V



# LIFE & RESCUE BOAT CHARGER

## A new powerful charger solution

The new range of water resistant Lifeboat & Rescue chargers from DEFA are built to deliver full power even in extreme weather conditions.

### POWERFUL

The new DEFA Life & Rescue boat charger provides continuous 7A charging in even extreme temperatures up to 55C and temperatures as low as -40C, and it can handle parallel loads up to 5A. Additionally the charger can be delivered with a power supply channel to manage the increasing need to run onboard application. The power supply channel can be used to continuously run a circulation pump.

### VERSATILE

Within a complex marine electrical environment the charger can run on input powers varying from 36V to 62V allowing for a flexible usage across a broad range of marine installations. A broad range of chargers are available to suit the most demanding life and rescue boat installations. For regular inspection of charging a remote panel can be installed to monitor the charging status from outside of the Life & Rescue boat

### EASY INSTALLATION

There is a convenient bracket pre-installed on each charger allowing for an easy mounting and inspection. For narrow spaces an accessory bracket can be delivered to allow for top and bottom mounting, rather than the included side mounting attachment.

**POWERFUL** .....  
7Ah and 2x7Ah output

**VERSATILE** .....  
Input power from 36V to 62V

**EASY INSTALLATION** .....  
Pre-installed bracket

**REMOTE LED PANEL AVAILABLE FOR EASY MONITORING** .....

**LIFEBOATCHARGER**  
Battery Charger

**2x7A**

Model: 703397  
→ INPUT: 36-62V ~ 50/60HZ 300W  
← OUTPUT: 14.4V ~ 2x 7A  
1.2V ~ 1.5A (only for pump supply)

704291\_E01

**DEFA**

7 1042287 033976

CE IP56

703397\_E00  
www.defa.com

Manufactured by DEFA

..... **OPTIMAL CHARGING**  
External temperature sensor

**WATERPROOF**  
..... The charger is IP56

**QUIET OPERATION**  
..... No fan inside for cooling needed

**HIGH BATTERY CAPACITY**  
..... Up to 120Ah

..... **NO RISK OF REVERSE POLARITY**

..... **42 OUTPUT FOR OTHER APPLICATIONS**

# Charging for all needs

The charger is available in 4 different models to ensure that all charging needs are covered.

This includes an option for an output channel to run a circulation pump. The output channel are active as long as the mains are connected, and maximum output current is 1,5A. On the 2x7A version there is an additional 42V output channel to run applications such as an engine heater.

Item no.	Description
705292	1x7A Remote LED panel
705293	2x7A Remote LED panel
703396	1x7A, IP nipple in and out, with pump
703397	2x7A, IP nipple in and out, with pump
703788	1x7A, PlugIn in, IP nipple out, with pump
703789	2x7A, PlugIn in and out, IP nipple out, with pump
706020	Temperature sensor - 10m

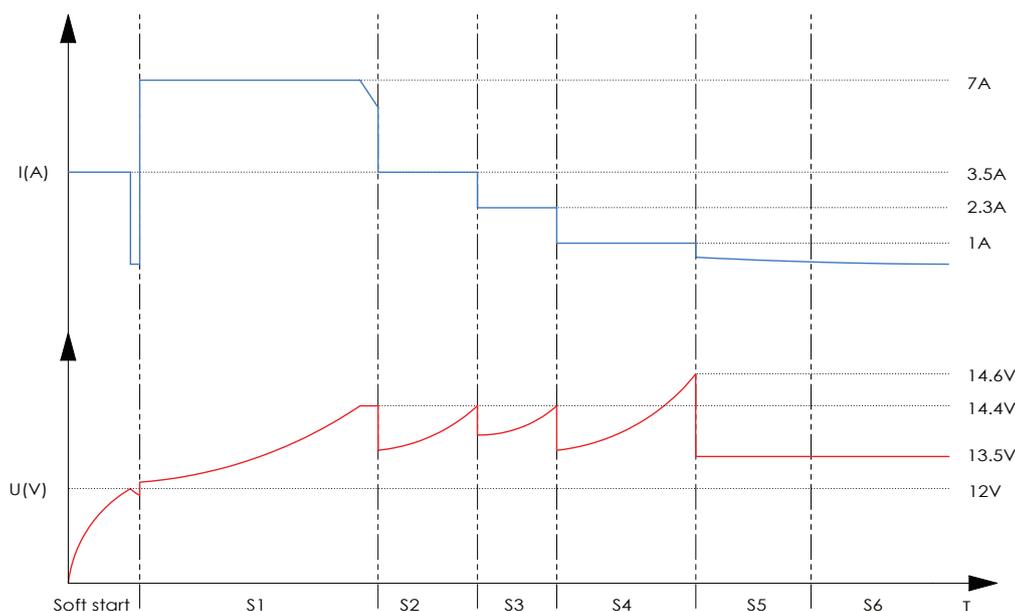
# Technical Information

The new charger is a water resistant (IP56) allowing for usage in tough environments and can charge one or two 12V batteries with capacity of up to 120Ah. The charger uses no power from the battery when mains are disconnected.

Technical specifications	1 Channel	2 Channel
Input Voltage [VAC]	36-62	36-62
Charge Voltage Max.[VDC]	14.4	14.4
Float Voltage Max [VDC]	13,5	13,5
Output Current Max [A]	7	2x7
Battery Size Max [Ah]	120	2x120
Operating temperature [°C]	-40 to +55	-40 to +55
IP Rating [IP]	56	56
Dimensions H/W/D [mm]	303/112/71	303/214/71
Weight [KG]	2,5	4,5



# Safe and powerful charging for lifeboats



## TEST & APPROVALS

**Safety:** IEC 60335-1  
IEC 60335-2-29

**EMC:** EN60945:2002

## PROTECTION

Short Circuit Proof  
Reverse Polarity Protection  
Overload Protection

## About DEFA PowerSystems

DEFA AS is a Norwegian based manufacturer and distributor of chargers for rescue boats and vehicles, lifeboats as well as private boats. Our charging products give the users maximal utilization of their batteries, are reliable, durable and easy to install.

### DEFA AS

Blingsmoveien 30  
3540 Nesbyen  
Norway

### ORDERING INFORMATION:

Check [www.defa.com](http://www.defa.com) for your local distributor or contact us directly on:  
[defa.powersystems@defa.com](mailto:defa.powersystems@defa.com)  
DEFA AS: Phone: +47 32 06 77 00, Fax: +47 32 06 77 01

