



# Dolphin<sup>®</sup> charger

Photo: Groupe Beneteau

NEW

## BOOSTER Series

12/24V 30A, 24/24V 30A and 24/48V 15A

12/24V

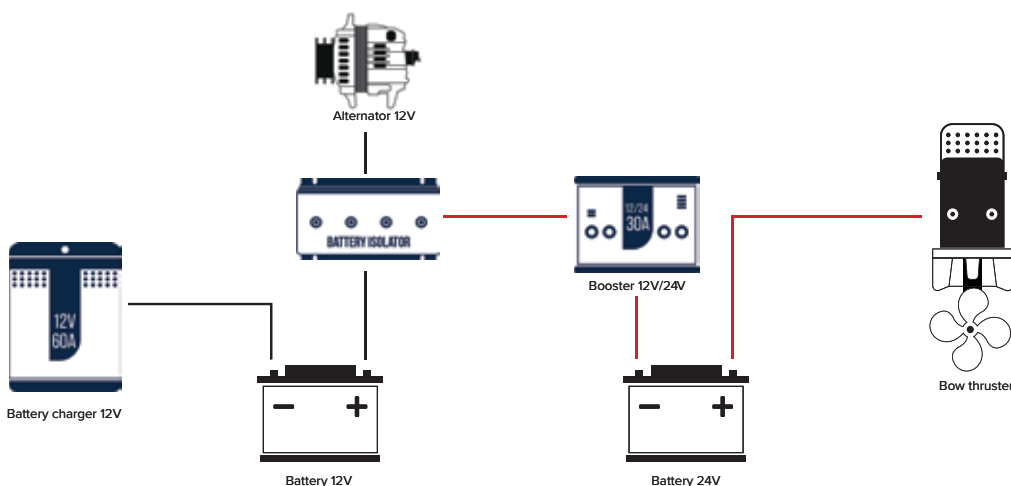
24/24V

24/48V

15A → 30A



Your boat has a 12V DC power installation, and you need to charge a 24V (or 48V) battery bank? Dolphin Charger has your solution: BOOSTER. This product is a real DC/DC charger for sailboats and power boat equipped with a 24V (or 48V) secondary electrical circuit for their bow thrusters and auxiliaries. BOOSTER is both compact and easy to install.



### Technical specifications

Input 12V / Output 24V/30A  
Input 24V / Output 48V/15A  
Input 24V / Output 24V/30A

## BOOSTER Series

BOOSTER units are designed to **charge a 24V or 48V auxiliary battery** from a single 12V battery bank onboard

BOOSTER is an attractive power solution for new construction (**boatyards**) as well as **refitting** charter boats

BOOSTER greatly facilitates 12V/24V (or 24V/48V) **dual installations** on board

With a BOOSTER, simply avoid redoing the onboard electrics

This product range extends from 12/24V (charging at 30A) up to 24/48V (charging at 15A)

Small is beautiful: our engineers have made it **compact**.

BOOSTER is **only half the size** of a conventional charger of equivalent power!

BOOSTERS are **intelligent** marine battery chargers featuring an advanced and unique **4-stage charging program** based on battery specification (Lead, Gel, AGM, Lithium, LifeSO4)

BOOSTER is **super-easy to fit on board** (only 4 fixing bolts and 4 electrical connections)

BOOSTER units include **automatic protection** against battery source drainage

As for all other Dolphin® charger products, the BOOSTER's assembly process includes **conformal coating** of the electronic board (PCB) to guarantee an **extended lifecycle** of your battery charger.

BOOSTER products come with a **4-year warranty** (since 2019)

12V/24V 30A		24V/24V 30A		24V/48V 15A	
Input					
Input voltage	10V to 16V		20V to 32V		
Max input current	70A		35A		
Efficiency	90%				
Input fuse	F30A (qty 4)		F15A (qty 4)		
Output					
Number of output	1				
Battery voltage	24V			48V	
Voltage program	26V to 30V +/- 1%			53V to 60V +/- 1%	
Charging program	4 different IUUo cycles, Lead acid,AGM, GEL, Lithium LFP with BMS				
Max output current	30A			15A	
Output fuse	F25A (qty 2)			F10A (qty 2)	
Protections					
Input under and overvoltage	Electronic (automatic restart)				
Output under and overvoltage	Electronic (automatic restart)				
Short-circuit on output	Electronic (automatic restart)				
Overheating	Electronic (automatic restart)				
Reverse polarity	Fuses				
Generalities					
Display	Front Tricolour LED				
Operating t°	-10°C to 55°C				
Storage t°	-20°C to 70°C				
Humidity	10 to 90%				
Safety	ISO13297				
Convection	Thermostated vario speed fan				
IP rating	IP22				
Dimensions	250 x 150 x 80mm				
Weight	1,8KG				
Input connections	M8 bolts				
Output connection	M8 bolts				
Part Number	399201		399202		399203