

# Dolphin booster



## CHARGE DC BATTERY FROM ANOTHER



- When there is a requirement to charge one DC battery from another the DOLPHIN DC/DC BOOSTER provide excellent performance
- It can be named as DC-DC intelligent battery charger, DC-DC Booster charger, DC-DC isolated power booster, isolated switch mode power conditioner
- Product range : 12 volts & 24 volts charging at 30 amp and 24 volts & 24 volts charging at 30 amp
- Galvanic isolated means you can connect to any loads without interruption from the input to the output
- Typical application : charge an auxiliary battery from a single battery bank, commercial and leisure boat, vehicles including fire, police, ambulance
- These smart DOLPHIN DC/DC BOOSTER provide 4 stage charging program as well as automatic protection against battery source drainage
- Advanced and unique 4 charging program can be selected based on battery specification (lead/acid, gel, agm and LifeSo4)
- Conformal coating of PCB to prolong the life of the battery charger

## DOLPHIN BOOSTER SUBSYSTEM



	12V	24V
<b>30A</b>		
<b>Input</b>		
Input Voltage	13V +/-3V	26V +/-6V
Max. Current	70A	35A
Efficiency	85% to 90%	
Fuse	4 x F30A	
<b>Output</b>		
Number of outputs	1 output	
Battery voltage	24V	
Battery capacity	50 to 200Ah	
Output voltage	26,5V to 30V +/-1%	
Max. Current	30A +/-5%	
Number of charging curves	4 programs, position selected by dip switch Lead Acid, AGM, Gel, LiFeSO4	
Charging curve	IUUo	
Ripple	< 1%	
Fuse	2 x F25A	
<b>Protection</b>		
	In case of output overload Excessive internal temperature Reverse battery polarity (fuse)	
<b>General</b>		
Display	Tricolour LED	
Operating temperature	-10°C to +55°C	
Storage temperature	-20°C to +70°C	
Humidity	10% to 90% (without condensation)	
Ventilation	Forced fan cooling	
Dimensions	250 x 150 x 80 mm	
Weight	< 2Kg	
Input connection	M8 bolts	
Battery connection	M8 bolts	
<b>Option</b>		
	Can Bus connection with Touchview or Navicolor RJ11 and/or Micro-Fit connection	
Code	399201	399202