

# Dolphin booster



## CHARGE DC BATTERY FROM ANOTHER



- Dolphin Booster is a DC to DC intelligent 30 amp battery charger
- Product range: 12 volt or 24 volt input with 24 volts output
- Typical application: charge an auxiliary battery bank from any 12V or 24V source
- The smart DOLPHIN DC/DC BOOSTER provides 4 stage charging program as well as automatic protection against battery source drainage
- Advance and unique 4 charging programs can be selected based on battery type (lead acid, gel, agm or LiFeSo4)
- Conformal coating of PCB to prolong the life of the battery charger

## DOLPHIN BOOSTER SUBSYSTEM



SKU#	<b>99201</b>	<b>99202</b>
	<b>12V</b>	<b>24V</b>
	30A	
<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 200 Ah	
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, LiFeS04	
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	Tricolor LED	
Operating temperature	14° F to 130° F	
Storage temperature	- 4° to 158° F	
Humidity	10% to 90% (without condensation)	
Ventilation	Forced fan cooling	
Dimensions	9-7/8" W x 6" H x 3-1/8" D	
Weight	4-1/2 lbs.	
Input Connection	5/16" Terminal Bolts	
Battery Connection	5/16" Terminal Bolts	
<b>Optional</b>		
	Can Bus connection with Touchview or Navicolor RJ11 and/or Micro-Fit connection	

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