



Dolphin[®] charger



accutron ag
Batterien & LED Beleuchtung
www.accutron.ch
Tel. +41 43 266 20 50 sales@accutron

NEW

Booster mini

12V 20A+18A

Exclusivity Dolphin especially designed for RV and Service vehicles
For a greater autonomy and freedom like never!



QR - SHOP

ULTRA COMPACT AND LIGHTWEIGHT

40% more compact and 4 times lighter weight
It allows an easy installation in any place thanks to its compact dimensions

EASY SETTINGS FOR EVOLVING INSTALLATION

A unique product to facilitate future customer upgrades to lithium batteries for example 4 Battery profile Lead Acid, AGM, Gel and Lithium LFP with multi-stage charging algorithm for fast charge



FAST AND SAFE INSTALLATION

Plug & Play Wiring
Built-in fuses protection (B1, B2, SP and Fridge)
OEM connector

ALMOST NO HEAT BUILD-UP

Very low heating due to the use of very high efficiency electronic components of the last generation allowing to reach an efficiency higher than 95%

DUAL INPUT WITH BUILT-IN MPPT SOLAR REGULATOR

Allows to connect directly 140W of solar panels.
Ideal for compact vans and small RV's

UNRIVALLED ON-BOARD B2 BATTERY CHARGE

Thanks to a dedicated 18A output for the fridge the booster has 100% of its 20A power available to charge the B2 on-board battery

Technical specifications

12V 20A+18A

B1 input		PV input	
Voltage	11,8-16V	Voltage	15-36V
Max current	40A	Max power	140W
Efficiency	95%	Driving mode	MPPT
Fuse	F30A	Fuse	F10A
B2 output			
Voltage (programmed)	13-15V +/-1%		
Max current	20A		
Battery types	Lead acid, AGM, GEL, Lithium LFP with BMS		
Charging mode	3 stages IUoU		
Charging selector	Front Push-Button		
Fuse	F25A		
Fridge output			
Max current	18A		
Driving mode	Automatic		
Fuse	F25A		
General			
Display	Front Tricolour LED		
Operating t°	-10°C to +50°C		
Humidity	10 to 90% (PCB tropicalized)		
Standards	E2 mark R10 19034		
Convection	Silent convection		
IP rating	IP22		
Dimensions	100 x 110 x 50 mm		
Weight	0,22Kg		
Connections	Removable terminal block 16mm ² max		
D+ signal	Whitout D+ (automatic)		
Standby consumption	< 10mA		
Part Number			
Code article	399240		

Wiring diagram

