



### VICTRON Cyrix-I dual battery charger

By means of a micro-processor, this powerful relay automatically connects the batteries in parallel when one of them has reached the preset voltage and it split them when the voltage drops below the FLOATING level.

Cyrix-I are an excellent option to diode separators since there's no voltage drop. In the traditional installation, the alternator is directly connected to the starting battery. Service battery and bow propeller are combined with the starting battery by means of the Cryrix-I.

When the Cryrix-I detects that the starting battery is charged, it will activate thus enabling the other batteries to charge in parallel. Cryrix-I detects the voltage of both batteries therefore it will activate if, for example, the service battery is being charged.

Code	Type	Max charging current A	Peak current A	Connection voltage V	Disconnect voltage V	$\longleftrightarrow$   mm
14.263.01	12/24	120	180	13 - 13.8 ; 26 - 27.6	11 - 12.8 ; 22 - 25.7	46x46x80
14.263.02	12/24	230	500	13 - 13.8 ; 26 - 27.6	11 - 12.8 ; 22 - 25.7	100x90x100
14.263.03	12/24	400	2000	13 - 13.8 ; 26 - 27.6	11 - 12.8 ; 22 - 25.7	78x102x110

## VICTRON battery isolators

They automatically connect several batteries by means of a single alternator without connecting the batteries between them and giving priority to the lowest battery.



### VICTRON Argodiode battery isolators

Version featuring a low voltage drop thanks to the use of Schottky diodes: at 0.3 V, they have a low current input to supply output B + alternator (in case it should be supplied to start the charge).

Code	Type	Max charging current A	Max current alternator A	Number of batteries	Maximum voltage drop V	$\longleftrightarrow$   mm
14.922.10	80-2 AC	80	80	2	0.3	60x120x90
14.922.11	120-2 AC	120	120	2	0.3	60x120x115
14.922.12	160-2 AC	160	160	2	0.3	60x120x150
14.922.20	100-3 AC	100	100	3	0.3	60x120x115
14.922.21	140-3 AC	140	140	3	0.3	60x120x150
14.922.22	180-3 AC	180	180	3	0.3	60x120x200



### VICTRON Argofet battery isolators

FET isolators allow simultaneous charging of two or more batteries from one alternator (or a single output battery charger), without connecting the batteries together. Discharging the accessory battery for example will not result in also discharging the starter battery.

In contrast with diode battery isolators, FET isolators have virtually no voltage loss. Voltage drop is less than 0,02 Volt at low current and averages 0,1 Volt at higher currents.

Code	Type	Max charging current A	Max current alternator A	Number of batteries	Maximum voltage drop V	$\longleftrightarrow$   mm
14.922.30	100-2	100	100	2	0.02	65x120x200
14.922.31	200-2	200	200	2	0.02	65x120x200
14.922.40	100-3	100	100	3	0.02	65x120x200
14.922.41	200-3	200	200	3	0.02	65x120x200