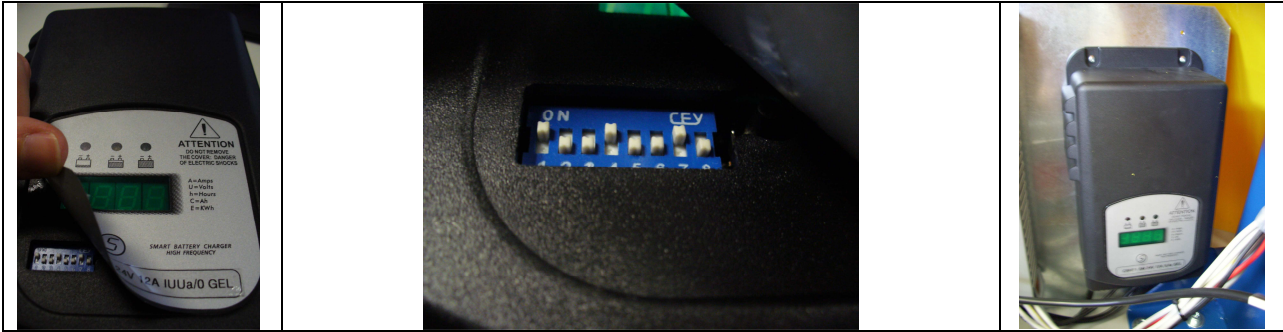


BATTERY CHARGER CBHF1-V2

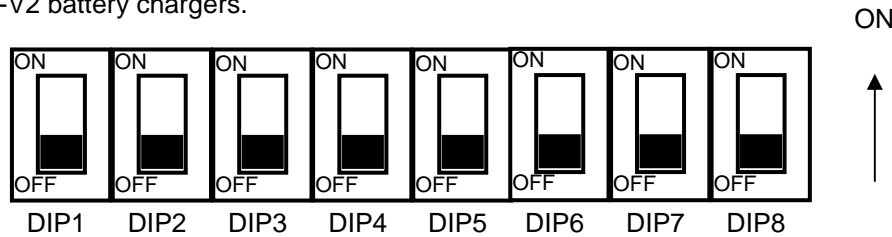
By setting up 8 dipswitches it is possible to change the charging curve and it is possible to customize the charging profile with the specifications of battery manufacturers.

The battery voltage (12V or 24V) and the charging current (4A or 8A or 10A or 14A) can be setup.

The set of 8 dipswitch is easy to find and is located under the front label of the charger, lifting the corner on the bottom-left, without opening the charger.



In the following tables you can find the explanation for different positions of the dipswitches, enabling you to program CBHF1-V2 battery chargers.



- DIP1 / DIP2 / DIP3 / DIP4 for the selection of the CHARGING CURVE **GEL / AGM** (Check also next page!)

DIP1	DIP2	DIP3	DIP4	CHARGING CURVE
ON	OFF	OFF	ON	Lead-acid and GEL batteries

- DIP5 / DIP6 / DIP7 for the selection of the CURRENT I1

DIP5	DIP6	DIP7	CURRENT
OFF	OFF	ON	14A

- DIP8 for the selection of the battery voltage

DIP8	VB
OFF	12

- DIP1 DIP2 DIP3 DIP4 for the selection of the CHARGING CURVE **TRACTION** (Check also next page!)

DIP1	DIP2	DIP3	DIP4	CHARGING CURVE
ON	ON	OFF	ON	Lead-acid (Wet) traction batteries

- DIP5 DIP6 DIP7 for the selection of the CURRENT I1

DIP5	DIP6	DIP7	CURRENT
OFF	OFF	ON	14A

- DIP8 for the selection of the battery voltage

DIP8	VB
OFF	24

PRE-PROGRAMMED CURVES FOR CBHF1-V2

CURVE	CURVE TYPE	DIPSWITCH DP1-DP2-DP3-DP4
00	IUa SO (IUa + float charge 2,30VPC) = IUUo Technology for charging DRYFIT TRACTION BLOCK (TRACTION GEL batteries). In compliance with the DIN 41773 regulations.	ON-ON-ON-ON
A	01 IUIa Lead-Acid Technology for charging TRACTION Lead-Acid batteries.	OFF-ON-ON-ON
	02 IUUa (2,45VPC) Technology for charging SEALED LEAD-ACID batteries.	ON-OFF-ON-ON
	03 IUUa (2,40VPC) Technology for charging Sealed Lead-acid and GEL batteries batteries from Trojan and other manufacturers.	OFF-OFF-ON-ON
B	04 IUIa Lead-Acid + float charge at 2,30VPC Technology for charging TRACTION lead-acid batteries.	ON-ON-OFF-ON
	05 IUUa (2,45VPC) + float charge at 2,30VPC Technology for charging SEALED LEAD-ACID batteries.	OFF-ON-OFF-ON
	06 IUUa (2,40VPC) + float charge at 2,30VPC Technology for charging Sealed Lead-acid batteries and GEL batteries from Trojan and other manufacturers.	ON-OFF-OFF-ON
	07 IUIa PzV Technology for charging large capacity DRYFIT PzV (A800) GEL batteries. In compliance with the DIN 41773 regulations.	OFF-OFF-OFF-ON
08 IUIa GNB-Champion Technology for charging GNB-Champion Sealed Lead-Acid Batteries.	ON-ON-ON-OFF	
09 IUo (2,35VPC) Technology for charging Lead-Acid start-up batteries.	OFF-ON-ON-OFF	
10 IUIa drysafe (HAGEN) Technology for charging DRYSAFE HAGEN batteries.	ON-OFF-ON-OFF	
11 IUIa per TRACTION BLOCK + float charge 2,30VPC Technology for charging DRYFIT TRACTION BLOCK batteries from Sonnenschein, DETA and other manufacturers. In compliance with the DIN 41773 regulations. (This curve is an alternative of curve 00)	OFF-OFF-ON-OFF	
12 IUIa for Lead-Acid batteries (2,40VPC) Technology for charging Lead-Acid starting batteries with stop.	ON-ON-OFF-OFF	
13 IUIa for Lead-Acid batteries (2,60VPC) Technology for charging Lead-Acid starting batteries with stop.	OFF-ON-OFF-OFF	
14 ---		ON-OFF-OFF-OFF
15 ---		OFF-OFF-OFF-OFF

NOTES:

A: charging curves with charge stop.

B: charging curves equivalent to group A but with a float charge of 2,30VPC (maintenance charge).

We already PRE-install the B charging curves.