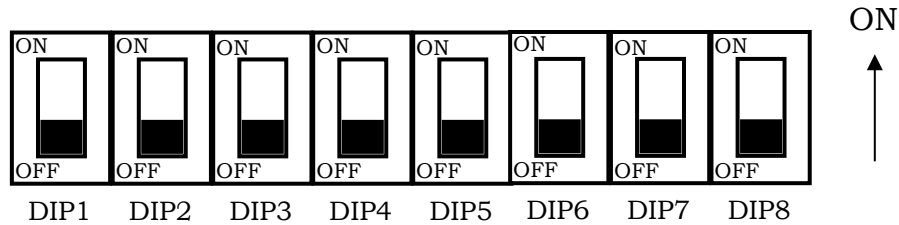


Elite 1 / Elite PRO 1 Series

DIP SWITCH CONFIGURATIONS

In the following tables you will find the details for setting the model CBHF2, CBHF2-M and CBHF2 XP battery chargers with firmware version **010-103-001** or **010-104-001** shown during the display start-up.



➤ DIP1 DIP2 DIP3 DIP4 for the selection of the charging curve.

DIP1	DIP2	DIP3	DIP4	CHARGING CURVE
ON	ON	ON	ON	0
OFF	ON	ON	ON	1
ON	OFF	ON	ON	2
OFF	OFF	ON	ON	3
ON	ON	OFF	ON	4
OFF	ON	OFF	ON	5
ON	OFF	OFF	ON	6
OFF	OFF	OFF	ON	7
ON	ON	ON	OFF	8
OFF	ON	ON	OFF	9
ON	OFF	ON	OFF	10
OFF	OFF	ON	OFF	11
ON	ON	OFF	OFF	12
OFF	ON	OFF	OFF	13
ON	OFF	OFF	OFF	14
OFF	OFF	OFF	OFF	15

➤ DIP5 DIP6 for the selection of the bulk current.

DIP5	DIP6	ELITE PRO 1	ELITE PRO 1 XP
ON	ON	15A	25A
OFF	ON	20A	30A
ON	OFF	25A	35A
OFF	OFF	30A	40A

➤ DIP7 and DIP8 for the selection of the battery voltage.

DIP5	DIP6	ELITE PRO 1		ELITE PRO 1 XP	
		lead-acid	LiFePO4	lead-acid	LiFePO4
ON	ON	12V	12.8V	12V	12.8V
OFF	ON	24V	25.6V	24V	25.6V
ON	OFF	36V	38.4V	<i>null</i>	<i>null</i>
OFF	OFF	48V	51.2V	<i>null</i>	<i>null</i>

PRE-PROGRAMMED CURVES

POSITION	CURVE TYPE	DP1-DP2-DP3-DP4
00	null	ON-ON-ON-ON
01	IUIa - for flooded/wet lead-acid batteries	OFF-ON-ON-ON
02	null	ON-OFF-ON-ON
03	IUUo - for sealed lead-acid batteries	OFF-OFF-ON-ON
04	IUIo - for flooded/wet lead-acid batteries	ON-ON-OFF-ON
05	IUUo - for AGM lead-acid batteries	OFF-ON-OFF-ON
06	IUUo - for GEL lead-acid batteries	ON-OFF-OFF-ON
07	null	OFF-OFF-OFF-ON
08	IUa - for LiFePO4 batteries 4/8/12/16 cells @ 3.2V nominal	ON-ON-ON-OFF
09	IUo for SLI lead-acid batteries	OFF-ON-ON-OFF
10	null	ON-OFF-ON-OFF
11	IUIa - for GEL traction lead-acid batteries	OFF-OFF-ON-OFF
12	null	ON-ON-OFF-OFF
13	IUIa dV/dT - for AGM lead-acid batteries	OFF-ON-OFF-OFF
14	IUIUo - for AGM lead-acid batteries	ON-OFF-OFF-OFF
15	IUIo dV/dT - for flooded/wet lead-acid batteries	OFF-OFF-OFF-OFF



IMPORTANT:

This document should not be used to change charger settings unless you have experience and knowledge of battery types and battery charging or unless you have been trained by and/or supervised by a suitably knowledgeable and experienced person.

It is recommended to consult with Brierly Technologies before making any changes to charging curves.

Firmware:
010-103-001
010-104-001

January 15, 2021