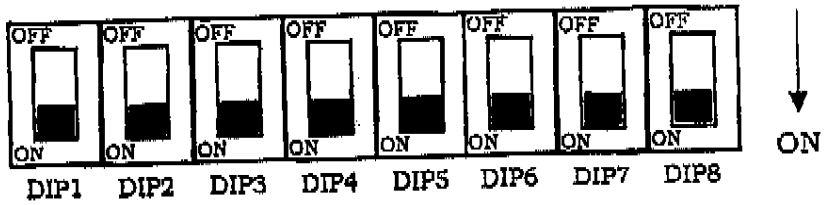
CBSW2-S 48V 20A DIP SWITCH CONFIGURATION

The CBSW2-S 48V 20A is also internally configured as 36V 25A, 36V 20A, 24V 30A, 24V 25A, 12V 30A version. So if you need directly a 36V 25A or a 36V 20A or a 24V 30A you can order directly this model and you will receive the CBSW2-S 48V 20A already configured for the version you need or if you have on stock a CBSW2-S 48V 20A and you have to sell a CBSW2-S 36V 25A you can configure with the following instructions.

In the following tables you can find meaning of all different position of dipswitch for programming CBSW2-S 48V 20A battery chargers.



➢ 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

LEAD ACID

IUIa-ACD

➢ DIP5 DIP6 DIP7 for the selection of the CURRENT I1

DIP5	DIP6	CORRENTE
ON	ON	15A
OFF	ON	20A
ON	OFF	25A
OFF	OFF	30A

25A

➢ DIP7 DIP8 for the selection of the battery voltage

DIP7	DIP8	VB
ON	ON	12
OFF	ON	24
ON	OFF	36
OFF	OFF	48

36V

IMPORTANT: 48V 30A, 48V 25A and 36V 30A configurations are not allowed.

PRE-PROGRAMMED CURVES FOR CBSW1-S AND CBSW2-S

Tab.1

	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
A	02	**IUUa (2,45VPC)** Technology for charging SEALED LEAD-ACID batteries.	ON-OFF-ON-ON
A	03	**IUUa (2,40VPC)** Technology for charging small capacity GEL batteries.	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
B	05	**IUUa (2,45VPC) + float charge at 2,30VPC** Technology for charging SEALED LEAD-ACID batteries.	OFF-ON-OFF-ON
B	06	**IUUa (2,40VPC) + float charge at 2,30VPC** Technology for charging small capacity GEL batteries.	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** Technology for charging GNB 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. In compliance with the DIN 41773 regulations. (This curve is an alternative of curve 00)	OFF-OFF-ON-OFF
	12	**IUa for Lead-Acid batteries (2,40VPC)** Technology for charging Lead-Acid starting batteries with stop.	ON-ON-OFF-OFF
	13	---	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).