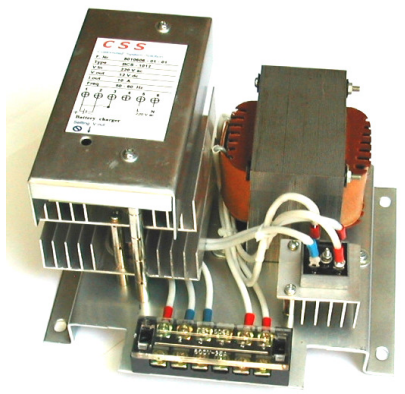
C S S
Customized System Solution

Battery Charger Type BCS 1012 / BCS 1024

Application :
Battery charging set servers to recharge batteries rapidly and with less damage to the batteries, To maintain the fully- charged state of lead or nickel-cadmium batteries and to cover the Power requirement of continuous loads.



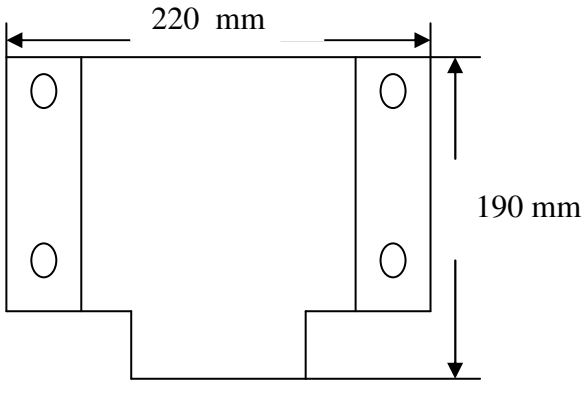
BCS 1012 / BCS 1024

Setting Normal charger :
Disconnect terminal 1 and connect a voltmeter to terminals 2 and 1 . Set potentiometer Vo so that the following appropriate final charge voltage is indicated **:** 12 V lead-acid battery : 13,5 V dc
12 V nickel cadium batt : 14 V dc
24 V lead-acid battery : 27,5 V dc
24 V nickel cadium batt : 28 V dc

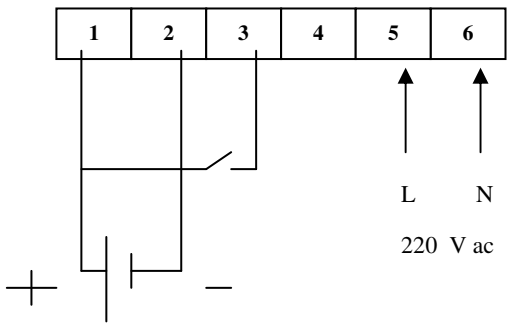
Equalizing charge : The charging set is reconnected by connecting terminals 1 and 3 to high charge. The charging set is preset at the factory to16V / **32V** dc if necessary .

Technical data :

Type	:	**BCS 1012**	**BCS 1024**
Rated Current / Voltage	:	10 A / 12 V dc	10 A / 24 V dc
Input Voltage	:	220V ac ± 10 % 50 – 60 Hz	220V ac ± 10 % 50 – 60 Hz
Power consumption	:	no-load 20VA; full-load 150VA	no-load 25VA; full-load 250VA
Efficiency	:	n = 0.87	n = 0.87
Vo Adjustment range			
Normal charge	:	10 – 15 V dc	23 – 29 V dc
Output current	:	maximum 10 A	maximum 10 A
Short-circuit behavior	:	device automatically switches off during short-circuit or incorrect polarity.	device automatically switches off during short-circuit or incorrect polarity.
Temperature	:	0 °C to 80 °C	0 °C to 80 °C
Connection terminal	:	M 3, max. wire 2.5 mm	M 3, max. wire 2.5 mm
Permissible duty cycle	:	100 %	100 %
Weight	:	5,1 kg	6,8 kg
Maintenance	:	no maintenance required	no maintenance required
Dimensions	:	220 mm x 190 mm x 150 mm	220 mm x 190 mm x 150 mm



Drawing Base Plate



Connection