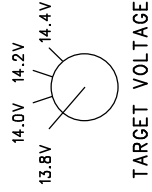


Note
Battery voltage must be more than 5V to charge
or R3 and R6 must be supplied from here

ANALOG CURRENT METER 5A or 10A
DH-50 5858 or DH-50 9656
Resistance 5A/12mohm, 10A/7mohm

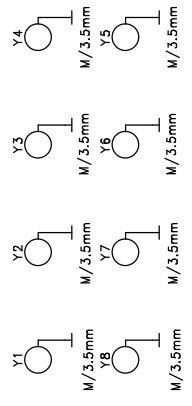
D1 can be shorted if solar panel has a series diode
100W panel discharge in dark 15mA without series diode

Quiescent current abt 500uA without voltage meter



- 13.8V ADJUST
- Select 13.8V target voltage
- Feed precise 13.80V to battery terminal, do not yet connect a solar panel.
- Adjust trimmer R13 until voltage from TP1 to TP2 is zero (<5mV)

FIXING HOLES



Drawn	2022-09-19	JUMA SCC Solar Charge Controller for 12V lead acid battery RFI free low quiescent current	OH7SV	OH7SV
Design	OH7SV			
Sheet	1/1			
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