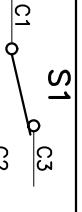


To opamp power

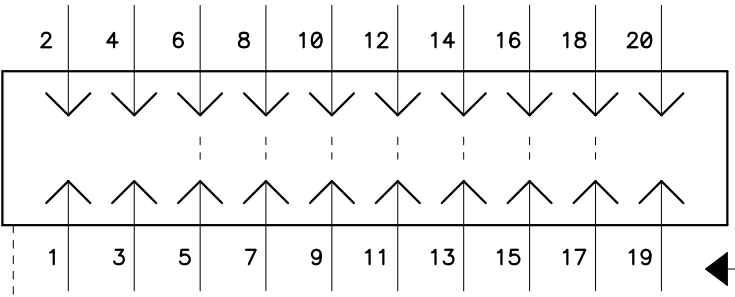
+12 Vdc @ 200ma
from bias power supply



Power OFF
Power ON

Load does not sink current with power off.

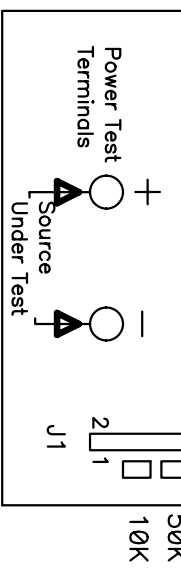
Electronic Load



Connector shown from top view.
Pins shown as seen on electronic load.

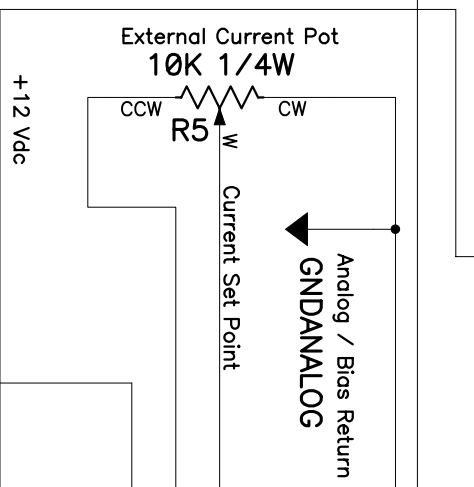
Note J1 - Pin 2 and the (-) source under test are connected, never have current flowing through this path. All control signals should be connected to J1-pin 2. Only the source under test should be connected to the power test terminal (+) and (-).

Viewed from top of load



GNDANALOG

Chart Recorder
Current + Voltage

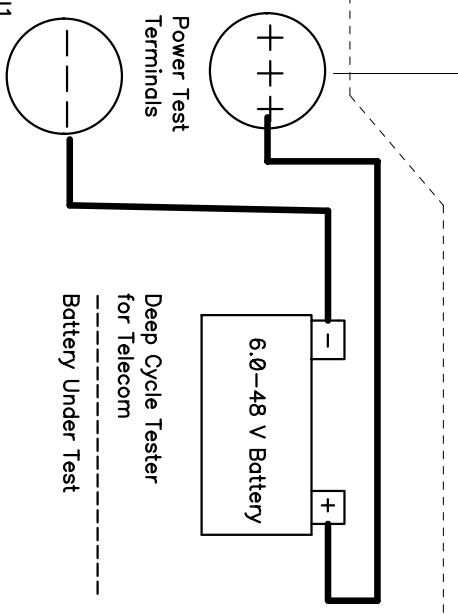


Standard Circuit

External Voltage Set Pot
0-50 Volts

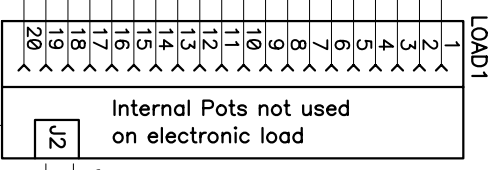
50K 1/4W

Battery Voltage Turn (OFF / ON) set point of load



Deep Cycle Tester
for Telecom

Battery Under Test



J2 Option Required
Open / Jumper

Note:

R6 (voltage off) is set to limit where load will turn off at bottom voltage.

R5 (current sink) is set not to exceed wattage of electronic load or battery discharge current limit.

[Http://www.EXEC-ENG.com](http://www.EXEC-ENG.com)

Executive Engineering

Deep Cycle Battery Tester Constant Current

Title
Telecom Battery Cycle Tester

Size	Number	Rev
A	301/151 Remote Control	1

Date	Mon Sep 20, 2004	Drawn by	dw
Filename	deap-battery.SCH	Sheet	1 of 1