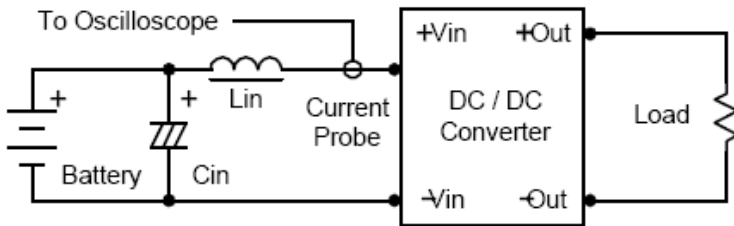


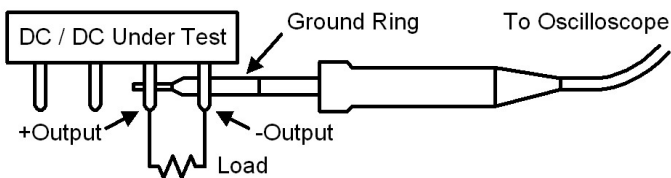
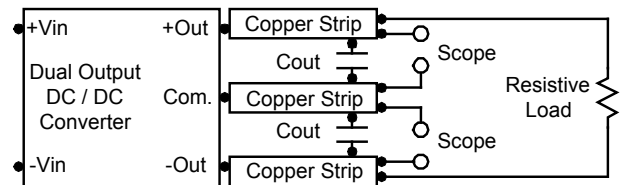
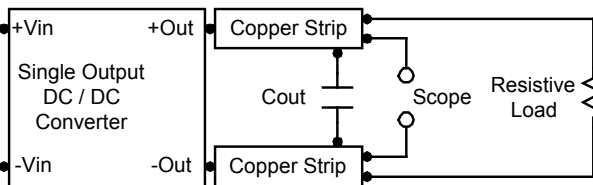
## Testing Setup

### Input reflected-ripple current measurement test setup

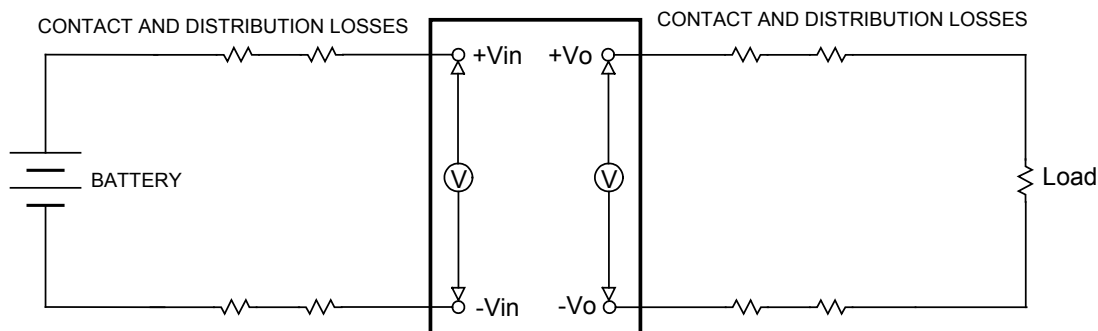


Component	Component	Value
L	4.7 $\mu$ H	—
C	220 $\mu$ H (ESR <1.0 Ohm at 100 kHz)	Aluminium Electrolytic Capacitor

### Peak-to-peak output ripple & noise measurement test setup



### Output voltage and efficiency measurements test setup



$$\text{Efficiency} = \left( \frac{V_{out} \times I_{out}}{V_{in} \times I_{in}} \right) \times 100\% = [\%]$$