Use the Miller Solarengine circuit to make useful bursts of energy for your motor or device!

NPN - 2n2222 or 2n3904 transistor
C1 - 1µF to 47µF discharge duration time capacitor
C2 - 2200µF or larger electrolytic power storage capacitor
D1 - 1N914-style signal diode (1N914)
Connect your load (motor/LED/etc) to the pads “Mtr -” and “Mtr +”

**Performance Tips:**
Bigger C1 = more time MSE stays on, but needs more time to recharge
Bigger C2 = more power stored, but means longer recharge time
Low 1381 trigger (C=2.2V) will activate MSE sooner, but with less vigor than a 1381-U (4.8V)

**Recommended default settings (please experiment!):**
Short bursts / quick recharge (~2sec): C1=4.7µF, C2=4700µF, 1381E
Long bursts / slow recharge (~1.5min): C1=22µF, C2=0.33F, 1381G