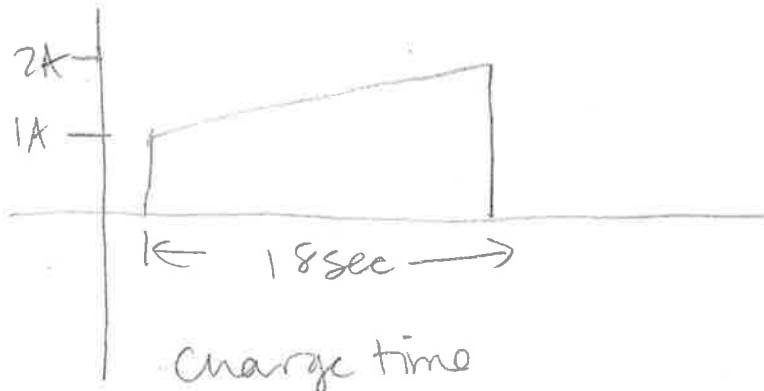


STROBE POWER MEASUREMENTS

Camera Tripod controller

Does run down to 6V but 2 diode drops

400W-sec
One stroke charging



$$\text{Energy} = 29\text{V} \times 27\text{Asec} = 783\text{Wsec}$$

to fire 400W-sec stroke

The 400W-sec stroke uses 2 1600 μ F caps

The peak voltage when charging is 449.9V
the ~~pe~~ battlue tale reports back 406V so it
is off by >10%, Fyi.

$$2 \text{ strokes firing} = 1600\text{W-sec} = 0.44\text{Whr}$$

$$\frac{4800\text{Whr pack}}{0.44\text{Whr}} = 10909 \text{ cycles} \rightarrow \frac{10909 \text{ cycles}}{24 \text{ hr/day}} = 454 \text{ day}$$

Current Draw from 2 400W-se Strobes
1 time per hour

