

Company _____ Country _____ Date _____

Contact Name _____ Email _____ Phone _____

1) Supercap Purpose?

2) Load Type? *(See Note Below)

3) Paralleled W/ Battery?

*Constant current: current is constant as S-cap voltage reduces.
Constant Pwr: current increases as S-cap voltage reduces to keep $V \times I$ constant.

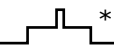
Battery _____

4) Brief Application Description

5) Type of Device Served by Supercap? _____

6) Voltage Supercap is charged to _____ volts **7) Min supercap voltage allowed?** _____ volts

8) Average Discharge Current or power? _____ (amps or watts) **9) Duration of Discharge?** _____ (Seconds)

10) Is the discharge constant or is there a peak*? 

11) Peak Discharge Current or Power? _____ (amps or watts) **12) Peak Duration?** _____ (Seconds)

13) Charge current available? _____ **14) Is charge current available during the discharge event?**

15) Charge Method Description _____

16) Charge/Discharge Duty Cycle

Interval between discharge events? _____ (Seconds) Rest before recharge? _____ (Seconds)

17) Inrush Current Limit Required?

18) Required Life in years or number of cycles? _____

19) Max S-Cap dimensions (mm) _____ (L) _____ (W) _____ (H)

20) Time @ Temp & Volts - Critical to Estimate Life

21) Program Schedule

% of Time (Must = 100%)	Temp.	@ What Volts?
	<30°C	
	30 - 40°C	
	40 - 50°C	
	50 - 60°C	
	60 - 70°C	
	70 - 80°C	
	>80°C	

	Quantity	Required Date
Proof of Concept Samples		
Prototype Samples		
Qualification Samples		
Pre Production Run Samples		
Production Ramp		
Steady State Production/Month		

Other Comments _____