

Rechargeable Cell/Battery technical requirements

#	Parameter	Value	Units
1	Device description		
3	Open Circuit Voltage		V
4	Nominal Voltage		V
5	Cut Off Voltage		V
8	Minimum Battery Capacity		Ah
6	Max Constant Discharge Current (Per any operation mode)		A
7	Max Pulse Discharge Current (Per any operation mode)		A
12	Max Constant Charge Current		A
13	Max Pulse Charge Current		A
14	Maximum Wight		Grams
15	Maximum Battery Dimensions		mm
16	Cycle life (100% DOD in R.T to 80% of minimum initial capacity)		
17	Self-Discharge		%/Month
18	Shelf life		Year
19	Discharge Operating Temperatures Range		C
20	Charge Operating Temperatures Range		C
21	Storage Operating Temperatures Range		C

Shmuel De-Leon Energy, Ltd. Mazal Arie 10, Hod- Hasharon 45309, Israel

E-Mail: shmuel@sdle.co.il, Tel/Fax: 972-77-5010792, Mobile: 972-52-8601517

22	Vibration limitations		g
	Mechanical Shock limitations		g
	Thermal Shock		c/min
	Altitude		psi
	Humidity		%
23	Shape: Cylindrical, Prismatic, Button...		
25	BMS (Protection, Balancing, Communication) + required communication protocols		
	PCM – Protection Circuit Module + Thermistor or without thermistor		
26	Packaging (Shrink, Box....)		
27	Thermal Management/Cooling		
28	Interface and interface length (eg. Connectors + wire...)		
29	Color and Marking		
30	Reliability		
31	Maintainability		
32	Testability		
33	EMC		
34	Certifications IEC 62133 UL1642 UL 2054		

35	Quality Control		
36	RoHS		
37	UN Tests (regulated transportation)		
38	Cells manufacturing date code		
39	Documentation required		
40	Special Safety Requirements		

- Adding mechanical drawings could be useful
- Contact us for battery consulting