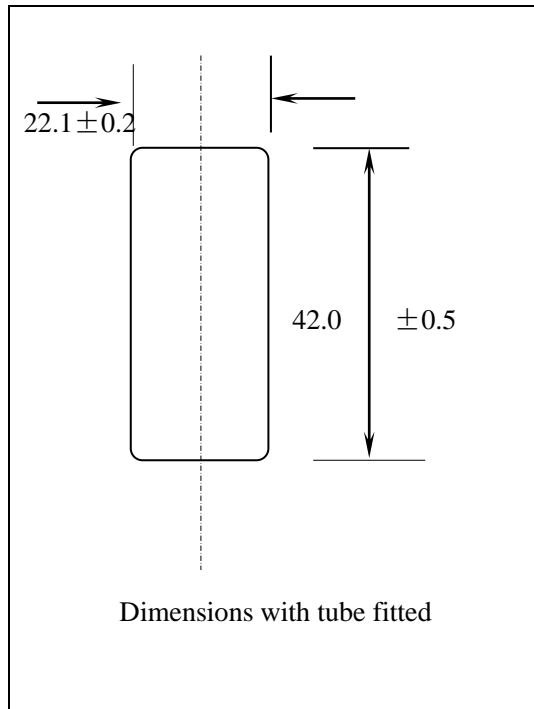


# GS Yuasa Battery Sales UK Ltd

**MODEL No:** 1SCM (GENERIC)

**Description:** Sub C SIZE NI-MH

**Capacities Available :** 2000 up to 3000 mAh



## Specification

Nominal Capacity		As Spec	
Nominal Voltage		1.2 V	
Charge current	Trickle	0.05 CA	
	Standard	0.1 CA	
	Quick	0.3 CA	
	Fast	0.5 CA	
Charge time	Standard	14~16 Hrs	
	Quick	4~5 Hrs	
	Fast	2.5Hrs	
Ambient Temperature	Charge	Standard	0~45°C
		Quick	10~45°C
		Fast	10~45°C
	Discharge		-30~60°C
	Storage		-30~65°C
Max Humidity for Discharge		85%	
Internal Impedance(AC) (After Charge using 1Khz)		Max≤ 10.5	
Weight		57.0g	

## Performance

Test	Unit	Specification	Test Conditions
Capacity	mAh	≥ Capacity as specified	Standard Charge and then discharge (0.2CA for 5 Hours) Allowing up to 3 cycles to achieve full capacity
Open Circuit Voltage(OCV)	V/cell	≥ 1.25	Within 1 hour after standard Charge
High Rate Discharge(1C)	Minute	≥ 54	Standard Charge then 1 hour rest. Before discharge by 1CA )to 1.0V/cell. Allowing up to 3 cycles to achieve full capacity.
Overcharge	/	No leakage nor explosion	(0.1C) Charge 28 days
Charge Retention	mAh	≥ 0.7C (70%)	Standard Charge, Storage 28 days, Standard Discharge
IEC Cycle Life	Cycle	≥ 500	IEC285(1993)4.4.1
Leakage		No leakage nor deformation	Fully charged at : (0.3C) for 4.5hrs. Then stand for 14 days

- Maximum Cell voltage should be considered to be 1.70 Volts.
- ΔV termination should be set at 6 mV/cell.
- DT/dt termination should be 0.6°C/Minute.

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