

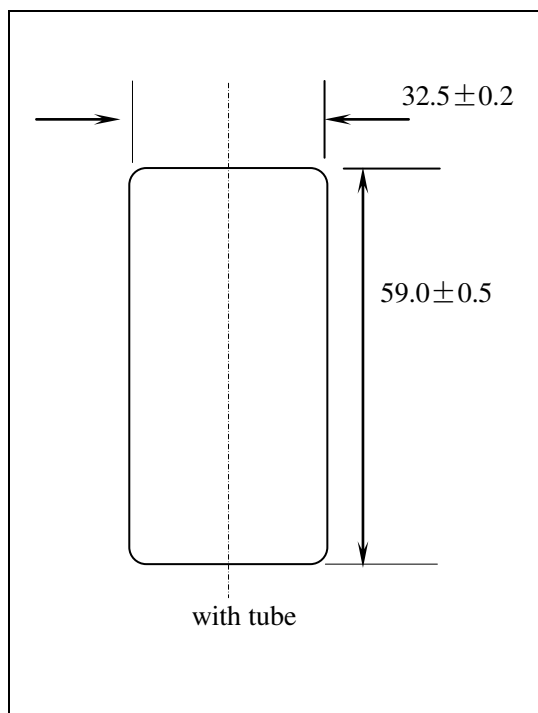


Yuasa Battery Sales (UK) Ltd

MODEL No: 1DM9-0

Description: D SIZE NI-MH

Specification



Nominal Capacity		As Spec	
Nominal Voltage		1.2 V	
Charge current	Trickle	0.05 - 0.1 CA	
	Standard	0.1 CA	
	Quick	0.3 CA	
	Fast	0.5 CA	
Charge time	Standard	14~16 Hrs	
	Quick	4~5 Hrs	
	Fast (not 8 or 8.5Ah)	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)		Average ≤ 7.5 Max ≤ 9.0	
Weight		150g	

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.

Note: 9000mAh are not suitable for fast charge

CELL PACK
SOLUTIONS

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