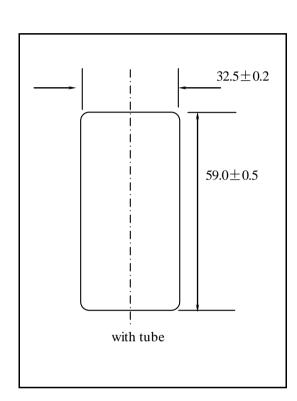


MODEL No: 1DH (GENERIC) Description: D SIZE HIGH TEMP NI-CAD

Capacities Available: 4000, 4400 and 4500 mAh



Specification

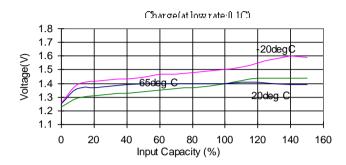
Nominal C	As Spec		
Nominal Voltage			1.2 V
Charge current		Trickle	0.05 CA
		Standard	0.1 CA
		Quick	0.3 CA
Charge time		Standard	14~16 Hrs
		Quick	4~5 Hrs
	Charge	Standard	-20-56°C
Ambient		Quick	-20-56°C
Temperature			
		Discharge	-20~56°C
		Storage	-20~56°C
Max Humidity for Discharge			85%
Inter	Average≤7.5		
(After	Max≤9.0		
	Weight		

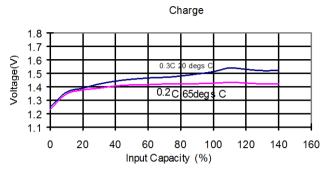
Performance

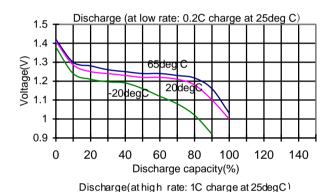
Test	Unit	Specification	Test Conditions	
Capacity	mAh	≥Capacity as specified	Standard Charge and then Discharge (0.2CA for 5 Hours) Allowing up to 3 cycles to achieve full capacity	
Open Circuit Voltage(OCV)	V/cell	≥1.25	Within I hour after standard Charge	
High Rate Discharge(1C)	Minute	≥54	Standard Charge then I 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	$\geq 0.7C(70\%)$	Standard Charge, Storage 28 days, Standard Discharge	
IEC Cycle Life	Cycle	≥700	IEC285(1993)4.4.1	
Leakage		No leakage nor deformation	Fully charged at: (0.3C) for 4.5hrs. Then stand for 14 days	

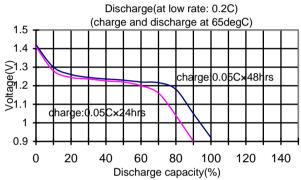
Yuasa Battery Sales (UK) Ltd

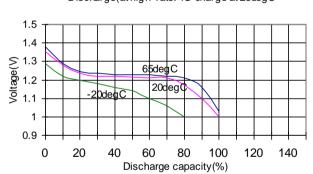
Characteristic Curves

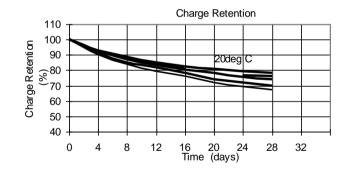












CAUTION

- 1. Reverse charging is not acceptable.
- 2. Charge before use. The cells/batteries are delivered in an uncharged state.
- 3. Do not charge/discharge with more than our specified current.
- 4. Do not short circuit the cell/battery Permanent damage to the cell/battery may result.
- 5. Do not incinerate or mutilate the cell/battery.
- 6. Do not solder directly to the cell/battery.
- The life expectancy may be reduced if the cell/battery is subjected adverse conditions like: extreme temperature, deep cycling, excessive overcharge/ over-discharge.

Yuasa Battery Sales (UK) Ltd Unit 13 Hunts Rise South Marston Park Swindon SN3 4TG

Tel:08708500312 Fax:08708500317