

# JEFF POWER COMPANY LIMITED



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## Sealed Rechargeable Nickel Metal Hydride Battery Data Sheet

### Model No.: JPH2A2000

Type	AA					
Normal Voltage	Standard	1.2V				
Weight	29g					
Capacity		Charge	Discharge	Normal	Typical	
	Low Rate - 0.1C	0.1C	0.2C	2000 mAh	2050 mAh	
	High Rate - 1C	1.0C	1C	1800 mAh	1845 mAh	
Charging		Standard	Quick	Fast		
	Charge Current	200 mA (0.1C)	1000 mA (0.5C)	2000 mA (1.0C)		
	Time Required (hrs)	16 hrs	144 min	69min or $-\Delta V(5mV)$		
	Minimum Overcharge	200 mA (0.1C * 24d)				
	Maximum Overcharge	400 mA (0.2C * 1d) with cut-off control				
Maximum Discharge Current	Continuous	2.0 A				
	Momentary (1 second)	4.0 A				
Internal Impedance	Typical at 1000Hz	20 milliohms at 50% Discharge				
Temperature		Storage for < 1 Month (°C)		Storage for < 1 Year (°C)		
	Minimum	-20		-20		
	Maximum	50		40		
		Discharge(°C)		Charge(°C)		
	Minimum	-20		-20		
	Maximum	45		45		
Service Life	Standard (IEC61436)	500 cycles (for reference)				
Designations	IEC - 61436 / FIDS					

Remark: Data in this specification are subjected to change without notice.

Actual product will be adjusted according to customer specification at order.

