

JEFF POWER COMPANY LIMITED



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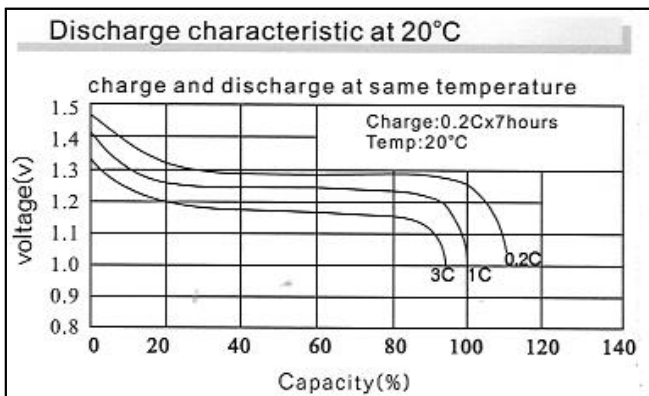
Sealed Rechargeable Nickel Metal Hydride Battery Data Sheet

Model No.: JPHD4500C

Type	D, Button top					
Normal Voltage	Standard	1.2V				
Weight	110g					
Capacity		Charge	Discharge	Normal	Typical	
	Low Rate - 0.1C	0.1C	0.2C	4500 mAh	4700 mAh	
	High Rate - 1C	1.0C	1C	4050 mAh	4230 mAh	
Charging		Standard	Quick	Fast		
	Charge Current	450 mA (0.1C)	2250 mA (0.5C)	4500 mA (1.0C)		
	Time Required (hrs)	16 hrs	144 min	69min or $-\Delta V(5mV)$		
	Minimum Overcharge	450 mA (0.1C * 24d)				
	Maximum Overcharge	900 mA (0.2C * 1d) with cut-off control				
Maximum Discharge Current	Continuous	4.5 A				
	Momentary (1 second)	9.0 A				
Internal Impedance	Typical at 1000Hz	25 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.



Dimensions (mm)	
D	32.5±0.2
C	8 ±0.3
H	61.2±0.5
H1	2.3(REF)

