Specification for Sealed Rechargeable Nickel Metal Hydride Battery

Model: EMMERICH NIMH AKKU 9,6 VOLT 200MAH HIGHTOP (255051)

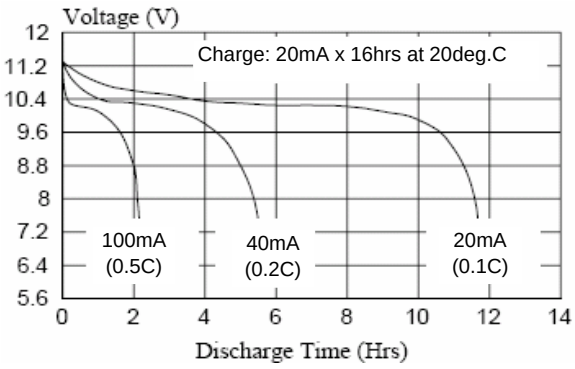
Chemical System:	**Nickel Metal Hydride**	Ni-MH						
Type	**6F22**	Consumer Use						
Nominal Voltage	**Enhanced Capacity**	9,6	V					
Nominal Capacity	**Low Rate - 0.1C**	200	mAh					
Weight		44	g					
Capacity		**Charge**		**Discharge**		**Minimum**		**Typical**
	Low Rate - 0.1C	0.1C		0.2C		180	mAh	190 mAh
	High Rate - 1C	0.1C		1C		158	mAh	170 mAh
Charging		**Standard**		**Quick***		**Fast***		
	Minimum Charge	20	mA (0.1C)	20	mA (0.1C)	20	mA (0.1C)	
	Time Required (hrs)	16	hrs	16	hrs	16	hrs	
	Maximum Charge	40	mA (0.2C)	100	mA (0.5C)	200	mA (1C)	
	Time Required (hrs)	< 8	hrs	< 2.2	hrs	< 66	min (or - Delta V)	
	Minimum Overcharge	20	mA (0.1C)					
	Maximum Overcharge	200	mA with cut-off control					
Maximum Discharge Current	**Continuous**	0,6	A					
	Momentary (1 second)	2	A					
Internal Impedance	**Typical at 1000Hz**	1000	milliohms at 50% Discharge					
Temperature		**Storage for < 1 Month (deg.C)**				**Storage for < 1 Year (deg.C)**		
	Minimum	-20				-10		
	Maximum	40				30		
		Discharge (deg.C)				**Charge (deg.C)**		
	Minimum	-20				-20		
	Maximum	50				40		
Service Life	**Standard (IEC61951-2)**	upto 500 cycles (for reference)						
Designations		**IEC 61951-2**						

* Quick and Fast charge require cut-off control circuitry to terminate charge or switch to trickle charge when cell reaches full charge

Remark: The information contained herein is presented only as a guide for the applications of our products

Data in this specification are subjected to change without notice and become contractual only after written confirmation by Emmerich.

Low Rate Discharge



High Rate Discharge