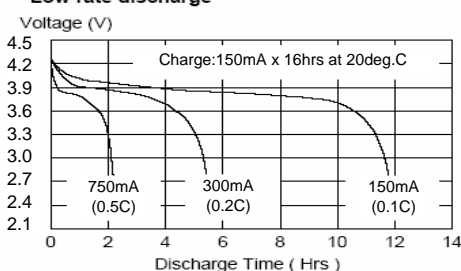


Specification of Battery Pack

Model	EMMERICH NIMH PACK AA 1500MAH 3.6V FT-1Z
Part No.	255055
Chemistry	Ni-MH
Quantity of Cells	3
Connector Type	Tab

Description of Specification							
Nominal Voltage (V)	3.6V						
Nominal Capacity (mAh)	1500mAh						
Weight	74g						
Capacity		Charge	Discharge	Nominal		Typical	
	Low Rate	0.1C	0.2C	1500	mAh	1540	mAh
	High Rate	0.1C	1C	1320	mAh	1380	mAh
Charging		Standard		Quick*		Fast*	
	Minimum Charge	150	mA	150	mA	150	mA
	Time Required (hrs)	16	Hours	16	Hours	16	Hours
	Maximum Charge	300	mA	750	mA	1500	mA
	Time Required (hrs)	8	Hours	150	min	66	min □ with -ΔV
	Minimum Overcharge	150	mA		for	24	Hours
	Maximum Overcharge	1500	mA	for	90	min	(with cut-off control)
Maximum Discharge Current	Continuous	4500	mA				
	Momentary (1 second)	7,5	A				
Internal Impedance	Typical at 1000Hz	100 milliohms upon fully charged					
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	-10			0		
	Maximum	50			40		
Service Life	Standard (IEC61951-2)	500			cycles (for reference only)		
Designations Standard	IEC - 61951-2						
Appearance and Dimensions(mm)	Refer to drawing #			Height	Width	Thickness	
				MAX50.5	MAX44.5	MAX15.0	
Components and Parts	Connector	FT-1Z TAB					
	Polyswitch	/					
	Thermostat	/					
Performance Curve				<p>*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.</p>			
<p>Low rate discharge</p> <p>Charge: 150mA x 16hrs at 20deg.C</p> 		<p>High Rate Discharge</p> <p>Charge: 150mA x 16hrs at 20deg.C</p> 