

Specification of Battery Pack

Model	EMMERICH NIMH PACK AA1500MAH 6.0V FT-1Z
Part No.	255057
Chemistry	Ni-MH
Quantity of Cells	5
Connector Type	Tab

Description of Specification							
Nominal Voltage (V)	6.0V						
Nominal Capacity (mAh)	1500mAh						
Weight	123g						
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	160 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	MAX73.5	MAX15.0	
Components and Parts	Connector	FT-1Z TAB					
	Polyswitch	/					
	Thermostat	/					

