

## Specification of Battery Pack

Model	EMMERICH NIMH PACK AA1500MAH 4.8V FT-1Z
Part No.	255056
Chemistry	Ni-MH
Quantity of Cells	4
Connector Type	Tab

Description of Specification							
Nominal Voltage (V)	<b>4.8V</b>						
Nominal Capacity (mAh)	<b>1500mAh</b>						
Weight	98g						
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	130 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	MAX59	MAX15.0	
Components and Parts	Connector	FT-1Z TAB					
	Polyswitch	/					
	Thermostat	/					

