

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

Connector Type	Tab		161 41						
		Description of Spe	cification						
Nominal Voltage (V)	6.0V								
Nominal Capacity (mAh)	1500mAh								
Weight	123g		7	_					
Capacity		Charge	Discharge		Nominal		Typical		
	Low Rate	0.1C	0.2C	150					
	High Rate	0.1C	1C	1320		h 1380	0 mAh		
Charging		Standard	Quick*		K*	F	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	or 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)			Sto	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)	5	су	cycles (for reference only)					
Designations Standard				IEC - 61951	-2				
Appearance and Dimensions(mm)		Reter to drawing #			Height	Height Width Thickness			
					1AX50.5	MAX73.5	MAX15.0		
	Connector	FT-1Z TAB							
Components and Parts	Polyswitch	/							
	Thermostat	/							
Performance Curve	•	High Rate Dischar	ae		*Quicl	k and Fast charge	require cut-off		
Low rate discharge	7.5 Voltage (V)					ol circuitry to termin			
Voltage (V)		7.0 Charge: 150mA x 16hrs at 20deg.C				switch to trickle charge when cell reaches full charge.			
7.5 Chargo:150	OmA x 16hrs at 20deg.C								
1.0	JIIIA X TOTIIS At 20deg.C								
6.5	6.0			Rema	Remark:The information contained herein				
5.5		5.5 5.0 4.5 4.0 4500mA 3000mA 1500mA (3C) (2C) (1C)			is pre	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			
5.0					applic				
4.5 - 10 - 1 - 1 - 300m	150m4				specif				
4.0 (0.5C) (0.20					1 1				
3.5	8 10 12 14	3.5				ifter written confirm			
	Time (Hrs)	14 0 10 20 30 40 50 60 70 Discharge Time (Mis)				Emmerich.			
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