

EMMERICH

Specification for Sealed Rechargeable Nickel Metal Hydride Battery

Model: EMMERICH NIMH AKKU C 3000 MAH FT-1Z (255039)

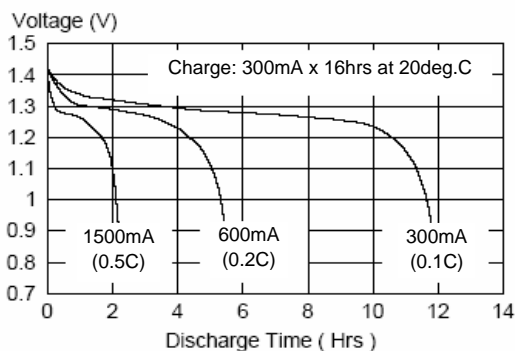
Chemical System:	Nickel Metal Hydride	Ni-MH		
Type	C	Flat Top		
Nominal Voltage	Standard	1,2	V	
Nominal Capacity	Low Rate - 0.1C	3000	mAh	
Weight		70	g	
Capacity		Charge	Discharge	
	Low Rate - 0.1C	0.1C	0.2C	
	High Rate - 1C	0.1C	1C	
Charging		Minimum	Typical	
		3000	mAh	
		3090	mAh	
		2640	mAh	
		2760	mAh	
Maximum Discharge Current	Continuous	15	A	
	Momentary (1 second)	45	A	
	Internal Impedance	Typical at 1000Hz	15	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		-20	0	
Maximum		50	45	
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

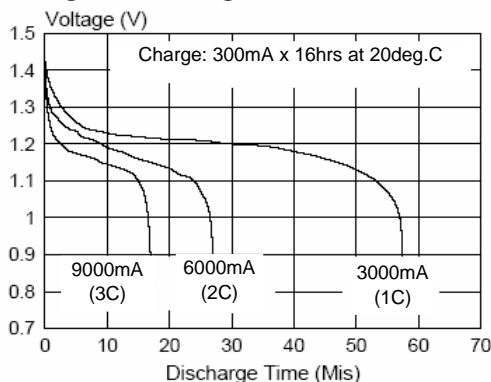
Remark: The information contained herein is presented only as a guide for the applications of our products

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



Dimensions (mm)			
D	25,5	± 0.5	
C	10,0	± 0.3	
H	49,5	± 0.5	
H1	0,3	(REF)	

