

		Conditions		Diagrams	
cell type:		NiMH			
cell size:		D			
nominal voltage:	1.2	V			
max. charge voltage:	1.5	V	at standard charge (0.1C / 20°C)		
capacity					
nominal:	9000	mAh	discharge at 0.2C		
minimum:	8500	mAh	discharge at 0.2C		
	7650	mAh	discharge at 1C		
			1.0V end discharge voltage		
max. continuous discharge current:	27	A	ta: 20°C		
charge					
standard charge:	900	mA	16hrs		
fast charge:	3600	mA	4hrs		
recommended charge termination control parameters:	0...5	mV	- delta V		
	0.8...1	°C	temperature rise per minute		
	45...50	°C	TCO (temperature cut off)		
continuous overcharge: (less than 28 days)	≤ 900	mA	no conspicuous deformation no leakage		
internal resistance: (impedance)	≤ 6	mΩ	at 1KHz battery fully charged		
life expectancy:	≥ 500	cycles	acc. IEC standard		
self discharge					
charge retention:	≥ 80	%	after 6 months storage		
(ta: 20°C +/-2K)	≥ 75	%	after 12 months storage		
ambient temperature range:					
	0...45	°C	standard charge		
	10...35	°C	fast charge		
	- 18...55	°C	discharge (≤1.0C)		
	0...45	°C	discharge (>1.0C)		
	- 20...55	°C	storage (≤1month)		
	- 20...45	°C	storage (≤3months)		
	- 20...35	°C	storage (≤12months)		
mechanical specifications					
cell dimensions					
diameter d1:	33.0	- 0.8	mm		
height h1:	max.	61.0	mm		
weight:	approx.	152	g		
		ANSMANN Specifications for model:		D - 850mAh LSD flat top bulk package (industrial label)	
		data sheet no. / part no.		2310-3002	
		version no.		2	
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Manufacturer reserves the right to alter or amend the design, model and specification without prior notice