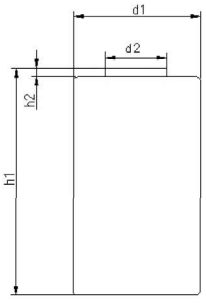
4287-SUBCNI-MHBULK/2.85AH

			Conditions
cell type:		NiMH	
cell size:		Sub-C	
nominal voltage:	1.2	V	
max. charge voltage:	1.5	V	at standard charge (0.1C / 20℃)
capacity			
nominal:	3000	mAh	discharge at 0.2C
minimum:	2850	mAh	discharge at 0.2C
	2600	mAh	discharge at 1C
			1.0V end discharge voltage
			ta: 20℃
max. continuous discharge current:	15	A	ta: 0....45℃
max. peak current:	30	A	
charge	current		time
standard charge:	300	mA	14...16hrs
quick charge:	850	mA	4hrs
fast charge:	3000	mA	1.1hrs
recommended charge termination control parameters:	5...10	mV	- delta V
	0.8...1	℃	temperature rise per minute
	45...50	℃	TCO (temperature cut off)
trickle charge current:	30...150	mA	(recommended)
continuous overcharge: (less than 1 year)	≤ 300	mA	no conspicuous deformation no leakage
internal resistance: (impedance)	≤ 6	mΩ	at 1KHz battery fully charged
life expectance:	≥ 500	cycles	acc. IEC standard
self discharge charge retention: (at ≤ 20℃ ambient)	≥ 75	%	after 12 months storage
initial capacity:	≥ 2100	mAh	within 30 days after delivery discharge at 0.2C
ambient temperature range:	0...45	℃	standard charge
	10...40	℃	fast charge
	- 20...65	℃	discharge (≤1.0C)
	0...45	℃	discharge (>1.0C)
	- 20...50	℃	storage (≤3months)
	- 20...40	℃	storage (≤6months)
	- 20...30	℃	storage (≤24months)
QCT1:	20/2700/6		
QCT2:	30/2550/8		

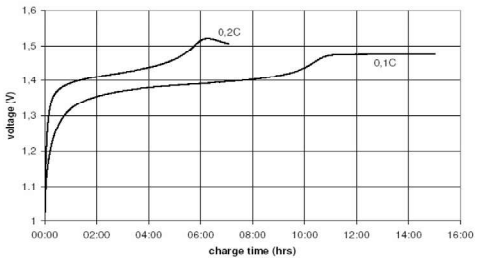
mechanical specifications

cell dimensions (incl. label)				
diameter d1:		22.5	- 1.0	mm
diameter d2:		10.0	± 1.0	mm
height h1:		43.0	- 1.0	mm
height h2:	min.	xx		mm
weight:		54	± 5	g

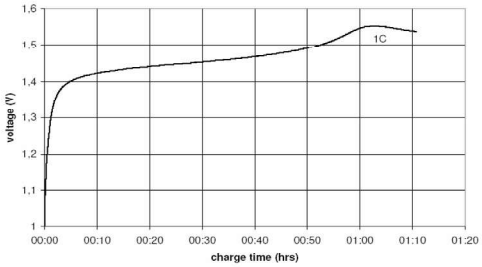


Diagrams

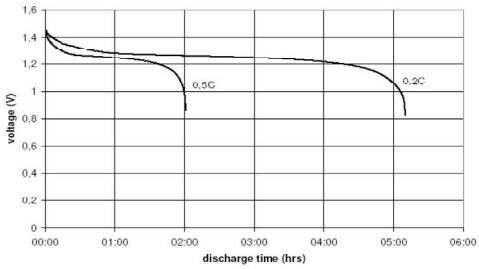
standard charge



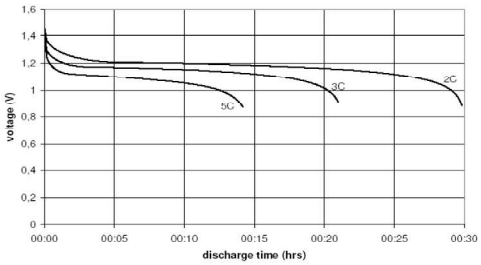
fast charge



low rate discharge



high rate discharge



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