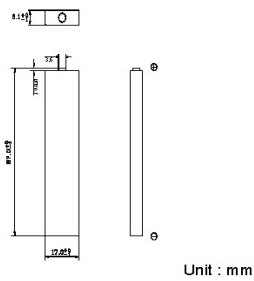
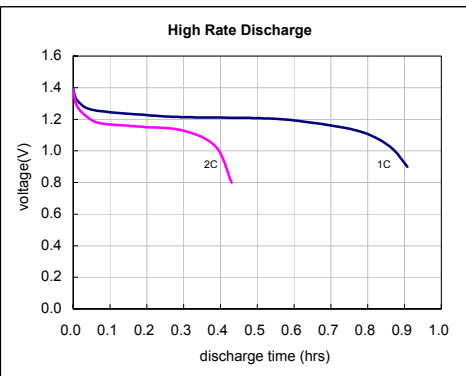
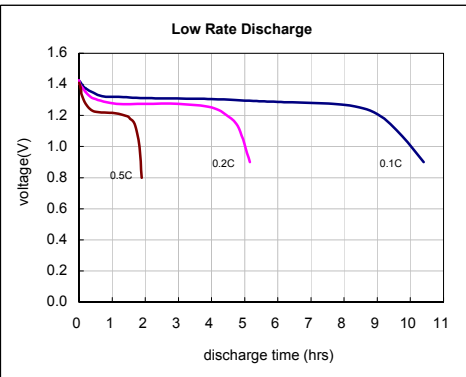
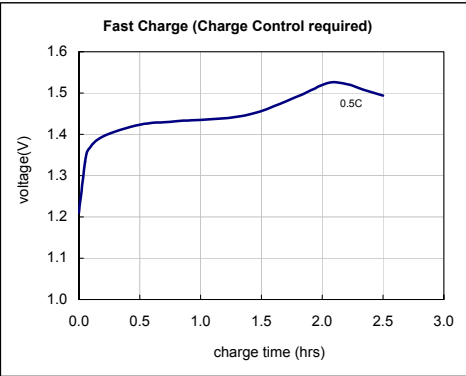
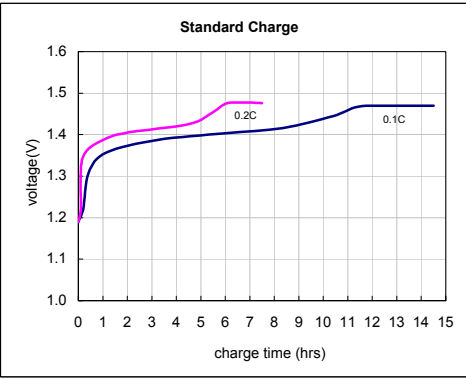


<b>nominal voltage</b>	1.2V	conditions
<b>max. charge voltage</b>	1.5 V	at standard charge (0.1C/20°C)
<b>capacity</b>		
nominal	1450 mAh	discharge at 0.2C
minimal	1250 mAh	discharge at 0.2C 1.0V end discharge voltage ambient temperature 20°C
typical	1350mAh	discharge at 0.2C 1.0V end discharge voltage ambient temperature 20°C
<b>max. discharge current</b>	2900 mA	ambient temperature 20...50°C
<b>charge</b>		
standard charge	charge current 145 mA	charge time 15hrs at 20°C
quick charge	charge current 290 mA	charge time 8hrs for empty battery
recommended charge termination control parameters	-dV dT/dt TCO Timer	0...10mV 0.8...1°C per min 40...50°C 110% normal input (recommended)
trickle charge current	5...10 mA	
continuous overcharge (less than 1 year)	<5 mA	no conspicuous deformation no leakage
<b>internal resistance</b>	<30 mOhms	at 1000Hz battery fully charged
<b>life expectancy</b>	>500 cycles	IEC61951-2 standard
<b>ambient temperature range</b>	0...45°C 10...45°C -20...50°C -10...45°C -10...35°C	standard charge fast charge discharge storage less than 3 months storage less than 1 year



**mechanical specifications**

cell dimensions (with sleeve)	
length h1	67.0-1.0 mm
length h2	1.20mm
width d1	17.0-0.5 mm
width d2	3.6mm
thichness d3	6.1-0.5 mm
weight	approx. 23 g

DATA SHEET FOR	Ni-MH M
VAPExTECH DRAWING	VTE1450M
DRAWN BY / DATE	Rachel,2005-08-02

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice.