

<b>nominal voltage</b>	1.2 V	conditions		
<b>max. charge voltage</b>	1.5 V	at standard charge (0.1C/20 )		
<b>capacity</b>				
nominal	700 mAh	discharge at 0.2C		
minimal	>630 mAh	discharge at 1C		
	700	discharge at 0.2C		
<b>typical</b>		1.0V end discharge voltage		
<b>max. discharge current</b>	750mA	ambient temperature 20		
	1400 mA	discharge at 0.2C		
		ambient temperature 20...50		
<b>charge</b>				
standard charge	charge current 70 mA	charge time 15hrs at 20		
quick charge	500 mA	1.2hrs for empty battery		
max. charge	800mA	40mins		
<b>recommended charge</b>	-dV	0...10 mV		
<b>termination control</b>	dT/dt	0.8...1 per min		
<b>parameters</b>	TCO	40...50		
<b>trickle charge</b>	current 21...35mA	(recommended)		
<b>continuous overcharge</b>	<35 mA	no conspicuous deformation		
(less than 1 year)		no leakage		
<b>internal resistance</b>	<35 mOhms	at 1000Hz		
		battery fully charged		
<b>life expectancy</b>	>500 cycles	IEC61951-2 standard		
<b>ambient temperature range</b>	0...45	standard charge		
	10...40	fast charge		
	-10...50	discharge		
	-10...45	storage less than 3 months		
	-10...35	storage less than 1 year		

  

**mechanical specifications**  
cell dimensions (with sleeve)  
diameter d1 10.5-0.5 mm  
diameter d2 3.2+/-0.4 mm  
height h1 44.0-0.5 mm  
height h2 1.5-0.3 mm  
weight approx. 11 g

DATA SHEET FOR	Ni-MH AAA
VAPEXTECH DRAWING	VTE700AAA
DRAWN BY / DATE	Herry Li/2005/5/5

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