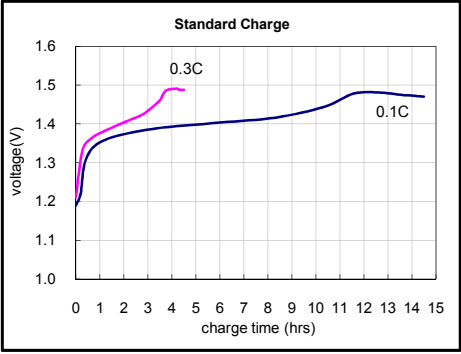
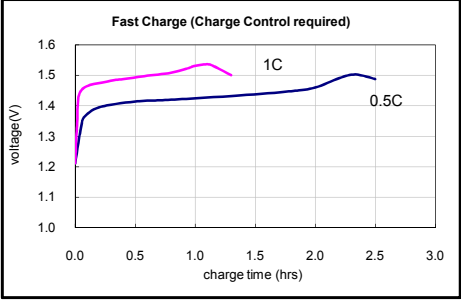
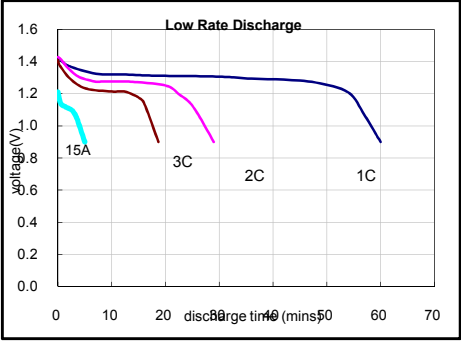
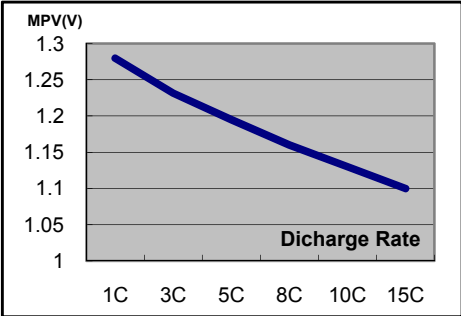

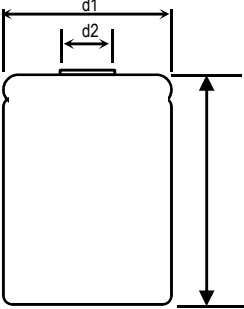


nominal voltage	1.2 V	conditions		
max. charge voltage	1.5 V	at standard charge (0.1C/20°C)		
capacity		discharge at 0.2C		
nominal	1600mAh	discharge at 25A		
minimal	>1300 mAh	discharge at 15A		
typical	1400mAh	0.8V end discharge voltage by 15A		
max. discharge current	25A	ambient temperature 20°C		
Average Voltage	>=1.20V	ambient temperature 20...50°C		
charge		discharge at 15A		
standard charge	160 mA	charge time 15hrs at 20°C		
quick charge	800 mA	2.2hrs for empty battery		
Fast charge	1600mA	1.05hrs for empty battery		
recommended charge	-dV	0...5 mV		
termination control	dT/dt	0.8...1°C per min		
parameters	TCO	40...45°C		
trickle charge current	48...80 mA	(recommended)		
continuous overcharge (less than 1 year)	<160 mA	no conspicuous deformation no leakage		
internal resistance	Average 5.5 mOhms at 1000Hz (5~8mOhms)	battery fully charged		
life expectancy	>500 cycles	IEC61951-2 standard		
Charge retention	>1050mAh	discharge at 0.2C after storage 28 days at 20+/-5°C		
ambient temperature range	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)				
diameter d1	17.0-0.5 mm			
diameter d2	8.0+/-0.5 mm			
height h1	29.0-1.0 mm			
weight	approx. 24 g			

DATA SHEET FOR	Ni-MH 2/3A 1600mAh
VAPEXTECH DRAWING	VP1600AFP
DRAWN BY / DATE	2010/2/20

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