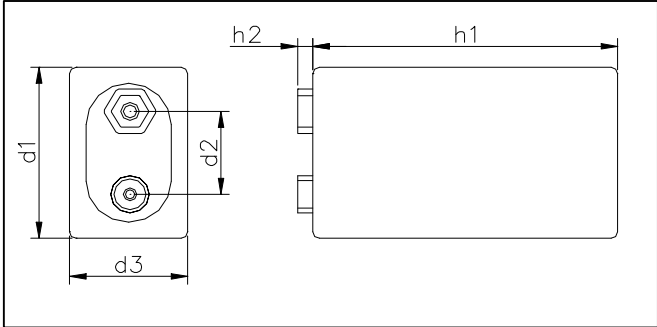

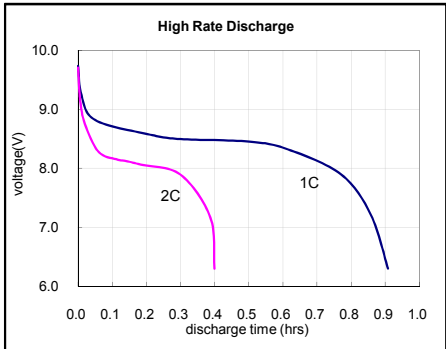
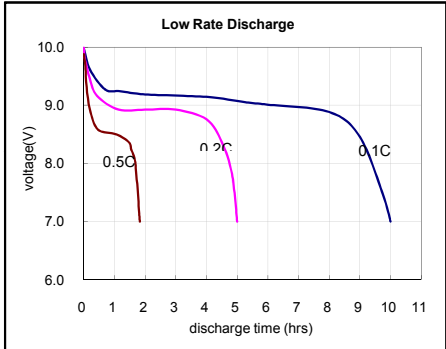
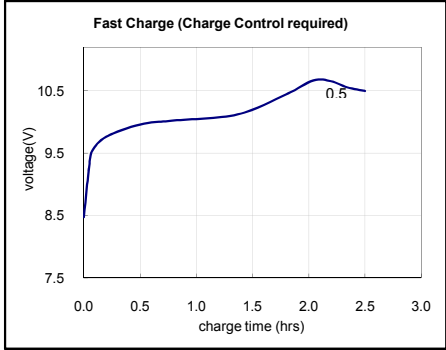
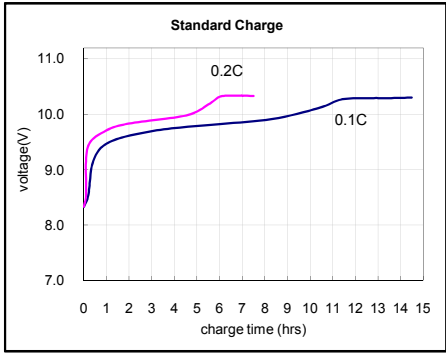


nominal voltage	8.4V	conditions	
max. charge voltage	10.5 V	at standard charge (0.1C/20°C)	
capacity			
nominal	280 mAh	discharge at 0.2C	
minimal	280 mAh	discharge at 0.2C	
typical	300mAh	7.0V end discharge voltage ambient temperature 20°C discharge at 0.2C	
max. discharge current	840 mA	7.0V end discharge voltage ambient temperature 20°C	
charge			
standard charge	charge current 28 mA	charge time 15hrs at 20°C	
quick charge	84 mA	5 hrs for empty battery	
	140 mA	2.3hrs for empty battery	
recommended charge termination control parameters	-dV	0...70mV	
trickle charge current	10...15 mA	(recommended)	
continuous overcharge (less than 1 year)	<28 mA	no conspicuous deformation no leakage	
internal resistance	<400 mOhms	at 1000Hz battery fully charged	
life expectancy	>500 cycles	IEC61591-2 standard	
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	
			
			
DATA SHEET FOR	Ni-MH PP3		
VAPEXTECH DRAWING	VTE280PP3		
DRAWN BY / DATE	Rachel		



mechanical specifications
cell dimensions (with sleeve)
length h1 48.5-1.0 mm
length h2 2.9mm
width d1 26.5-0.5 mm
width d2 12.5mm
thickness d3 16.5-0.5 mm
weight approx. 55 g

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