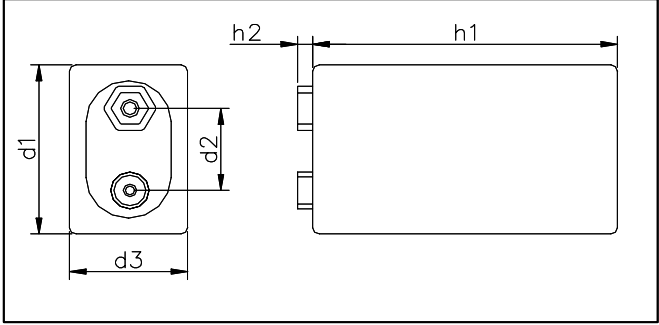
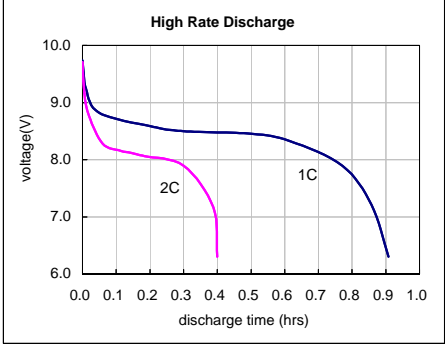
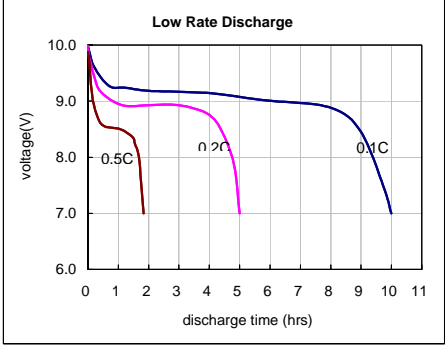
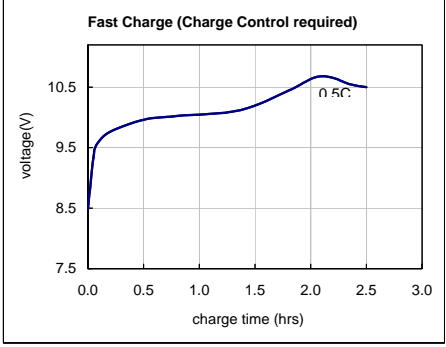
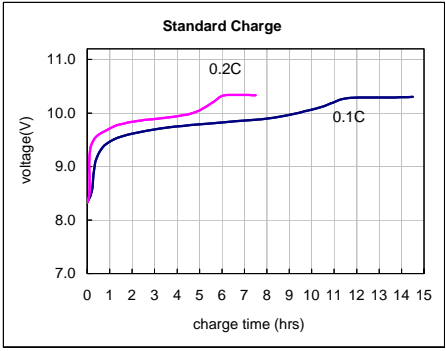


<b>nominal voltage</b>	8.4V	conditions	
<b>max. charge voltage</b>	10.5 V	at standard charge (0.1C/20 )	
<b>capacity</b>			
nominal	280 mAh	discharge at 0.2C	
minimal	280 mAh	discharge at 0.2C	
typical	300mAh	discharge at 0.2C	
		7.0V end discharge voltage	
		ambient temperature 20	
		discharge at 0.2C	
		7.0V end discharge voltage	
		ambient temperature 20	
<b>max. discharge current</b>	840 mA	ambient temperature 20...50	
<b>charge</b>			
standard charge	charge current 28 mA	charge time 15hrs at 20	
quick charge	charge current 140 mA	charge time 2.2hrs for empty battery	
recommended charge termination control parameters	-dV	0...35mV	
trickle charge current	10...15 mA	(recommended)	
continuous overcharge (less than 1 year)	<28 mA	no conspicuous deformation	
		no leakage	
<b>internal resistance</b>	<400 mOhms	at 1000Hz	
		battery fully charged	
<b>life expectancy</b>	>500 cycles	IEC61591-2 standard	
<b>ambient temperature range</b>	0...45	standard charge	
	10...45	fast charge	
	-20...50	discharge	
	-10...45	storage less than 3 months	
	-10...35	storage less than 1 year	



**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	17.5-0.5 mm
weight	approx. 57 g



DATA SHEET FOR	Ni-MH PP3
VAPExTECH DRAWING	VTE280PP3
DRAWN BY / DATE	Rachel

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