

### NCR18650B Standard data

March, 2012

**Energy Company of Panasonic Group** 

Lithium-Ion Battery Business Unit

#### **High Capacity type**

### Cell Type NCR18650B

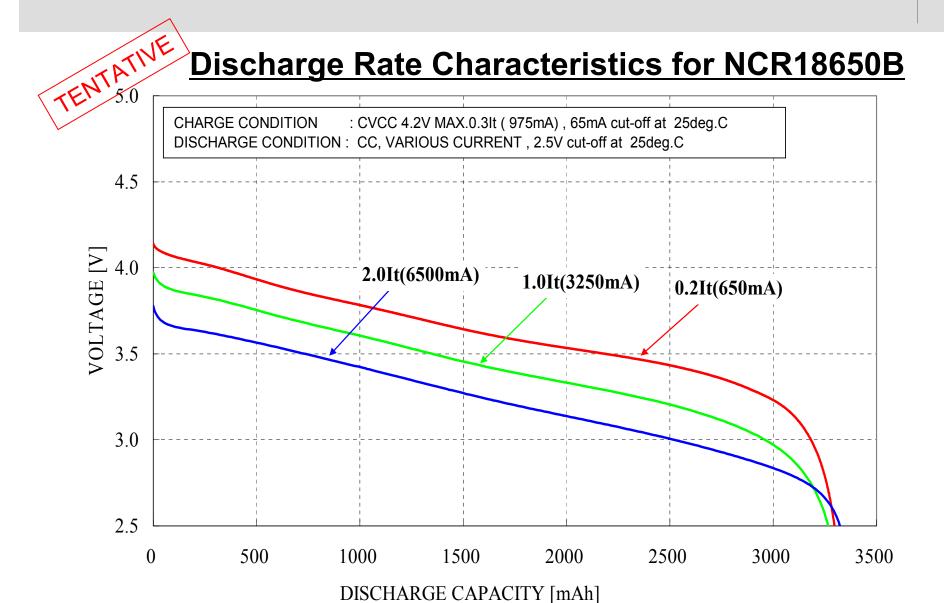
### Specification

Rated Capacity *at 20deq.C		Min.3200mAh
Rated Capacity *at 20deg.C		
Nominal Capacity *at 25deg.C		Min.3250mAh
		Typ.3350mAh
Nominal Voltage		3.6V
Charging Method		Constant Current
		-Constant Voltage
Charging Voltage		4.2V
Charging Current		Std.1625mA
Charging Time		4.0hrs.
Ambient Temperature	Charge	10∼+45°C
	Discharge	-20∼+60°C
	Storage	-20 <b>~</b> +50°C
Weight (Max.)		47.5g
Dimensions (Max.)*	(D)	18.25mm *without tube
		18.50mm *with tube
	(H)	65.10mm *without tube
		65.30mm *with tube
Volumetric Energy Density		676Wh/I
Gravimetric Energy Density		243Wh/kg
		4N.4 - 1 10 - 10 - 10 -

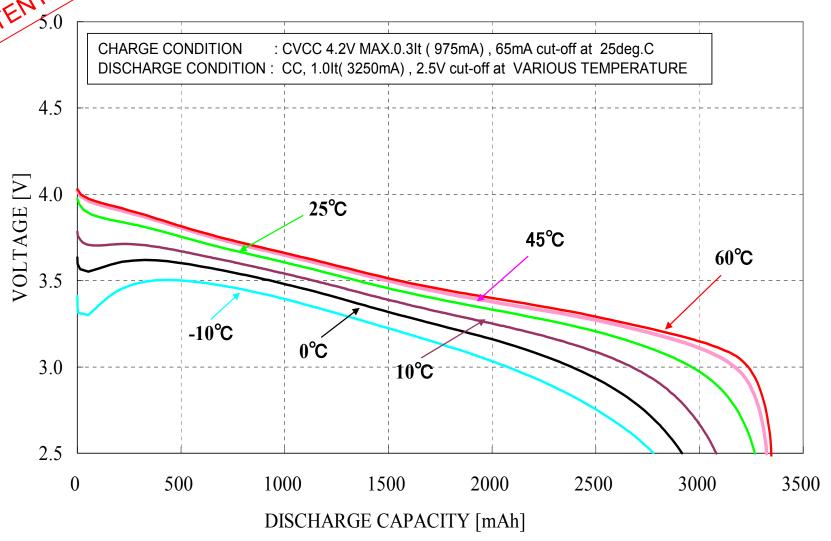
\*Maximum size without tube

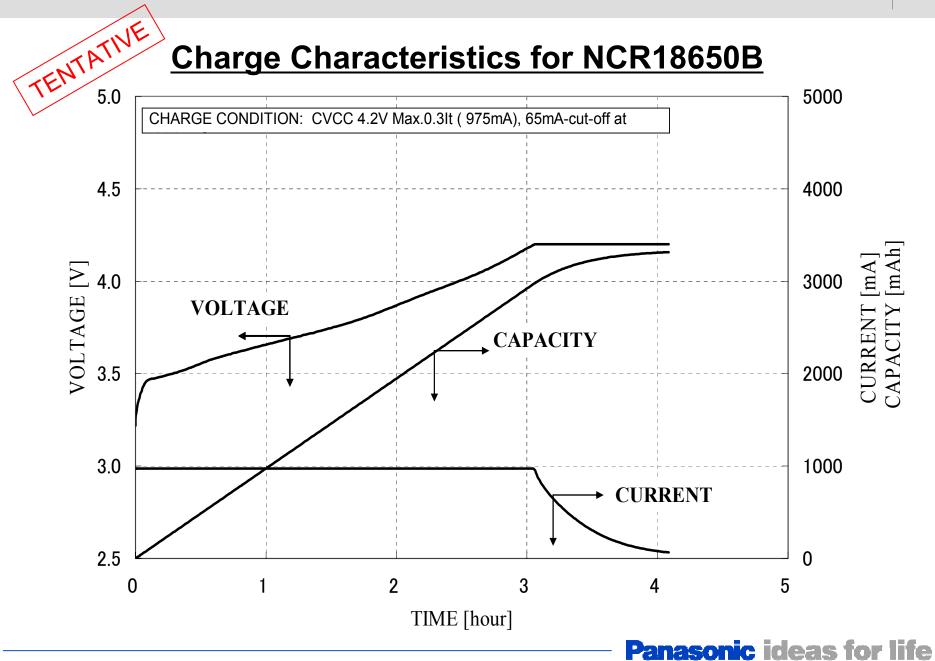


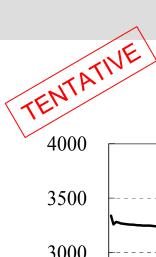
## 64.93mm Dimensions(Typ.) of D 18.2mm Bare Cell 7.9 mm



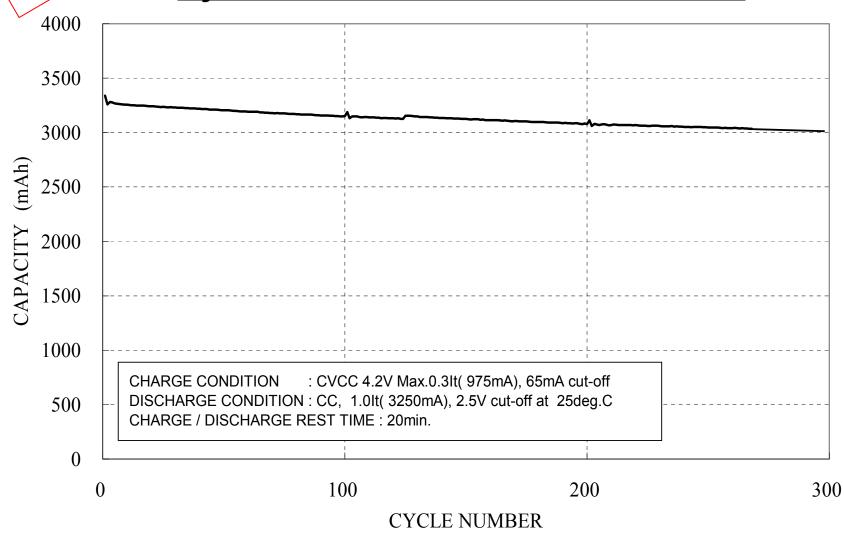
### Discharge Temperature Characteristics for NCR18650B







### **Cycle Characteristics for NCR18650B**



Panasonic ideas for life

# Panasonic ideas for life