

CAT# BTE-45

EXTERNAL CIRCUITRY SCHEMATIC

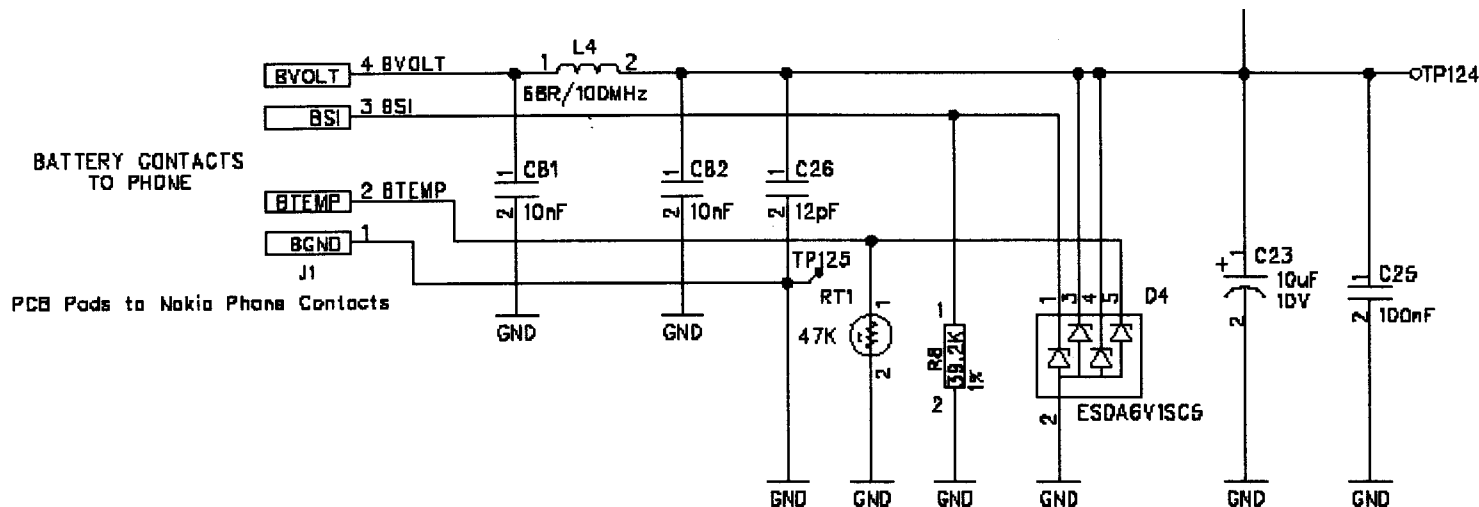
The functions of the circuitry are:

Identifies with the type charger

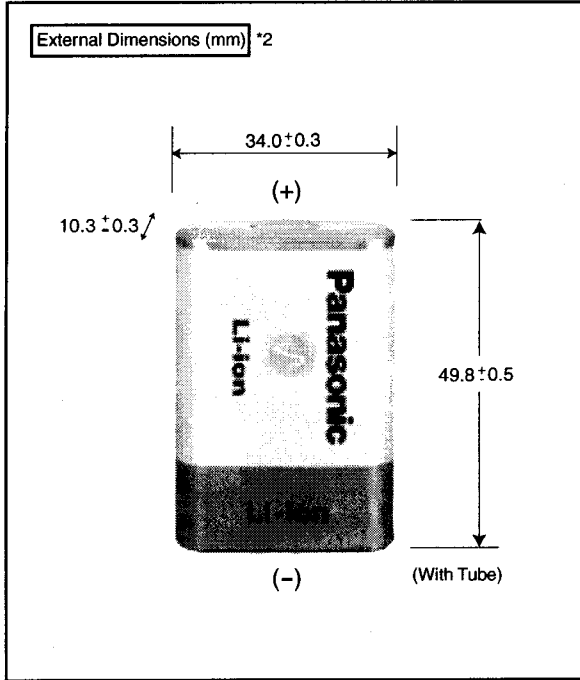
Spark protection

Charge level protection (overcharge protection)

Filtering



CGP345010: Prismatic Model



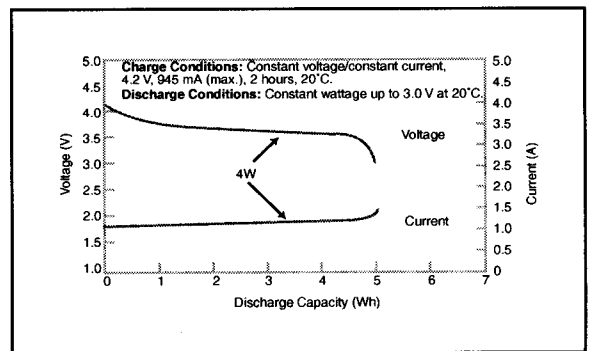
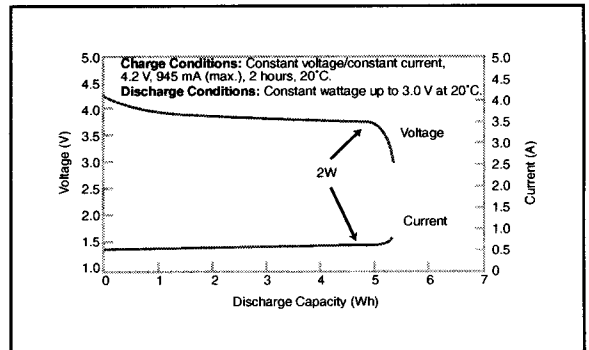
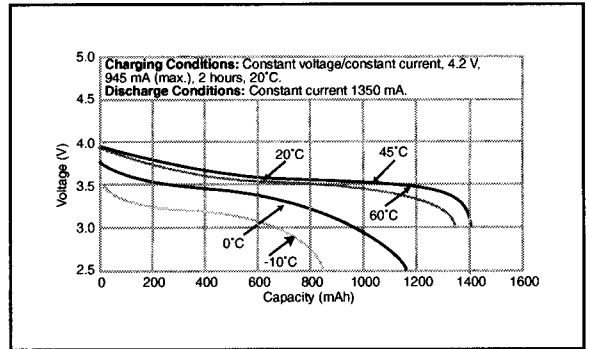
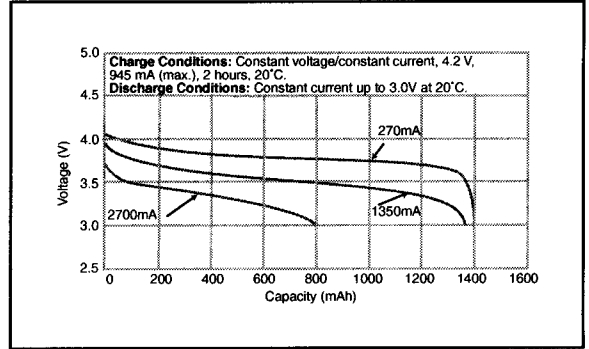
Specifications

Nominal Voltage		3.7V
Standard Capacity *1		1400mAh
Dimensions*2	Width	34.0±0.3mm
	Height	49.8±0.5mm
	Thickness	10.3±0.3mm
	Weight	Approx. 42g

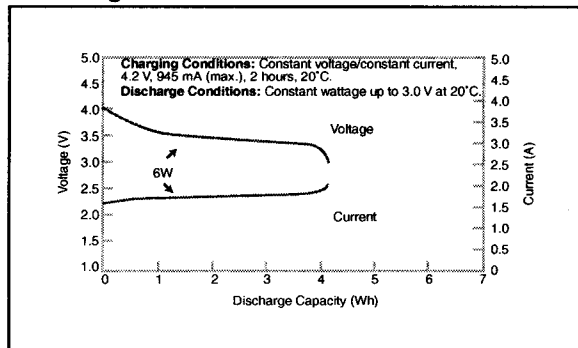
*1 After a fresh battery has been charged at constant voltage/constant current (4.2 V, 945 mA (max), 2 hours, 20°C), the average of the capacity (ending voltage of 3 V at 20°C) that is discharged at a standard current (270 mA).

*2 Dimensions of a fresh battery

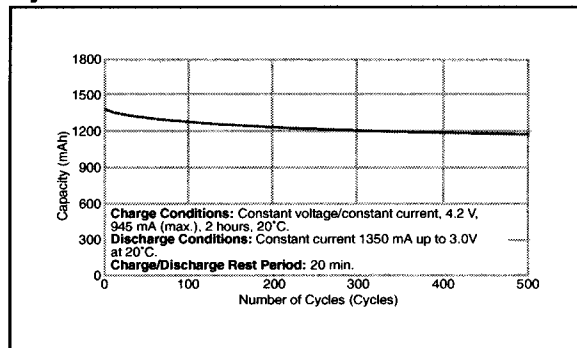
Discharge Characteristics



Discharge Characteristics



Cycle Life Characteristics



Charge Characteristics

