

# Device Modeling Report

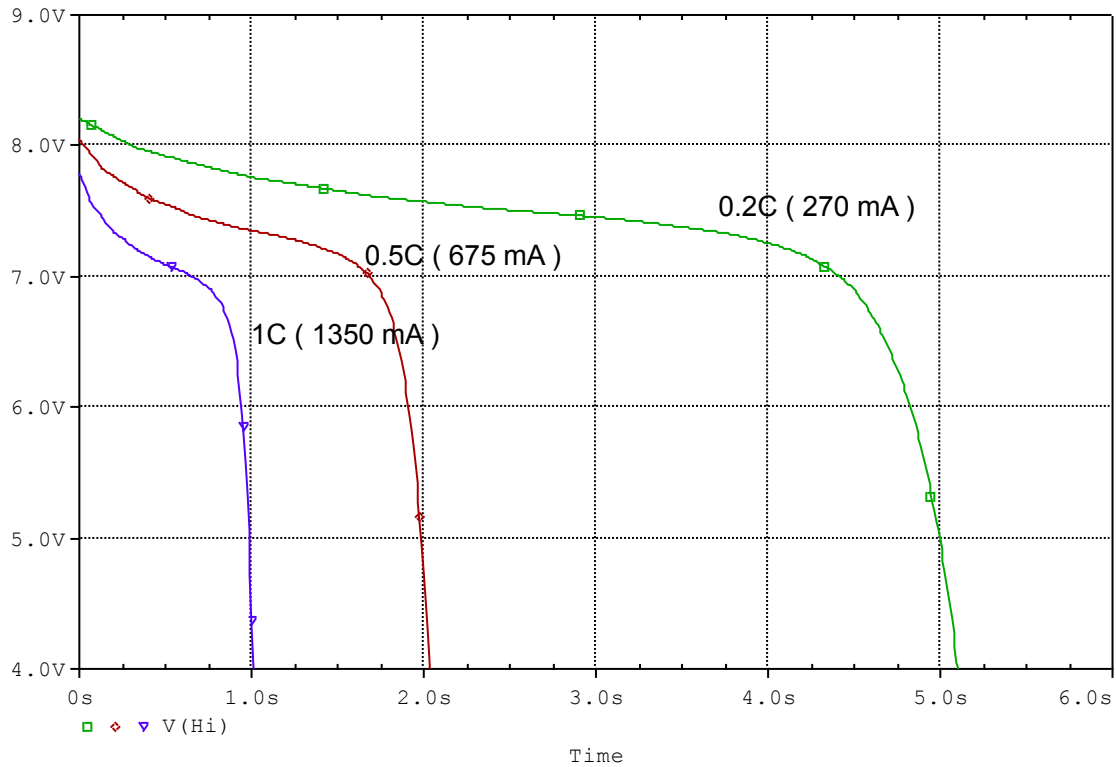
COMPONENTS: Lithium Batteries Pack  
PART NUMBER: PBT-BAT-0007  
MUNUFACTURER: BAYSUN Co., Ltd.



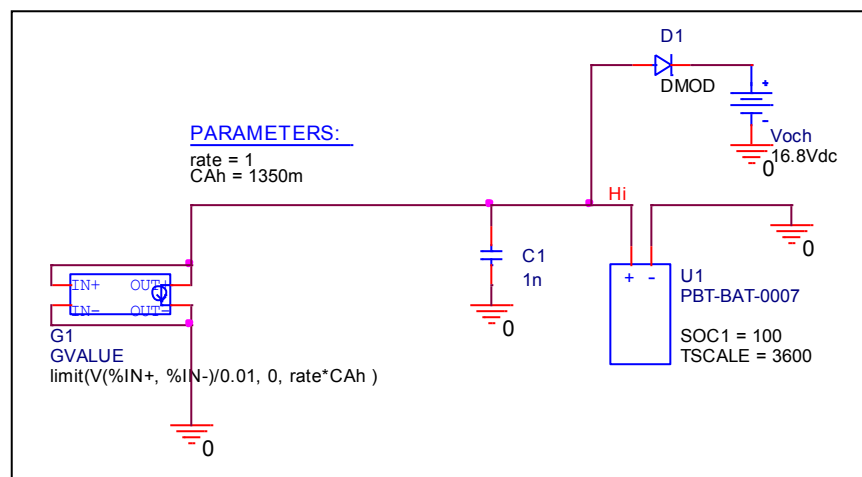
**Bee Technologies Inc.**

## Discharge Characteristics

### Circuit Simulation Result



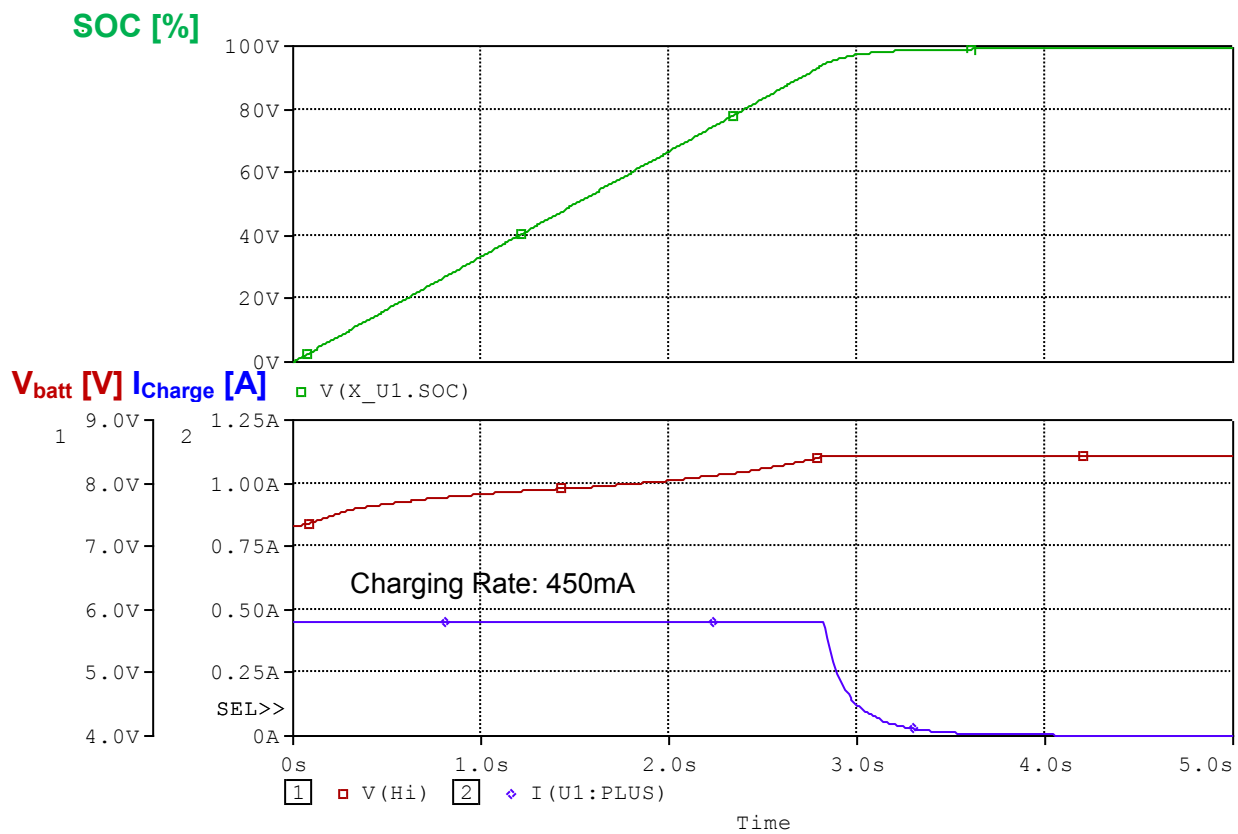
### Simulation Circuit



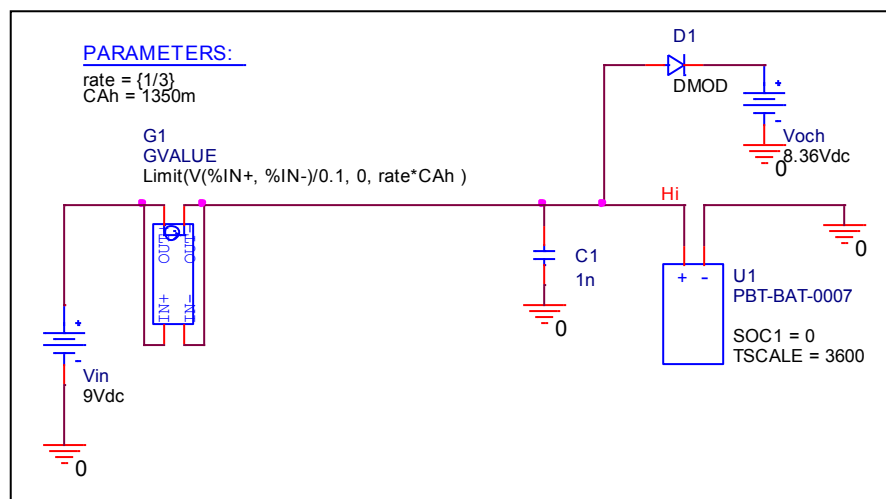
✖ To discharge from 100% of battery capacity, SOC1=100

## Charge Characteristics

### Circuit Simulation Result



### Simulation Circuit



※ To charge from 0% of battery capacity, SOC1=0

## Data Information

No. PBT-SET-0007	
Capacity	10[Wh], 1350[mAh] (Approximately)
Rated Current	1 [A]
Input Voltage	9 [Vdc]
Output Voltage	4.8~8.2 [Vdc] ( 2 cells )
Charging time	3 [hours] (Approximately), $I_{\text{CHARGE}}=450\text{mA}$