

Device Modeling Report

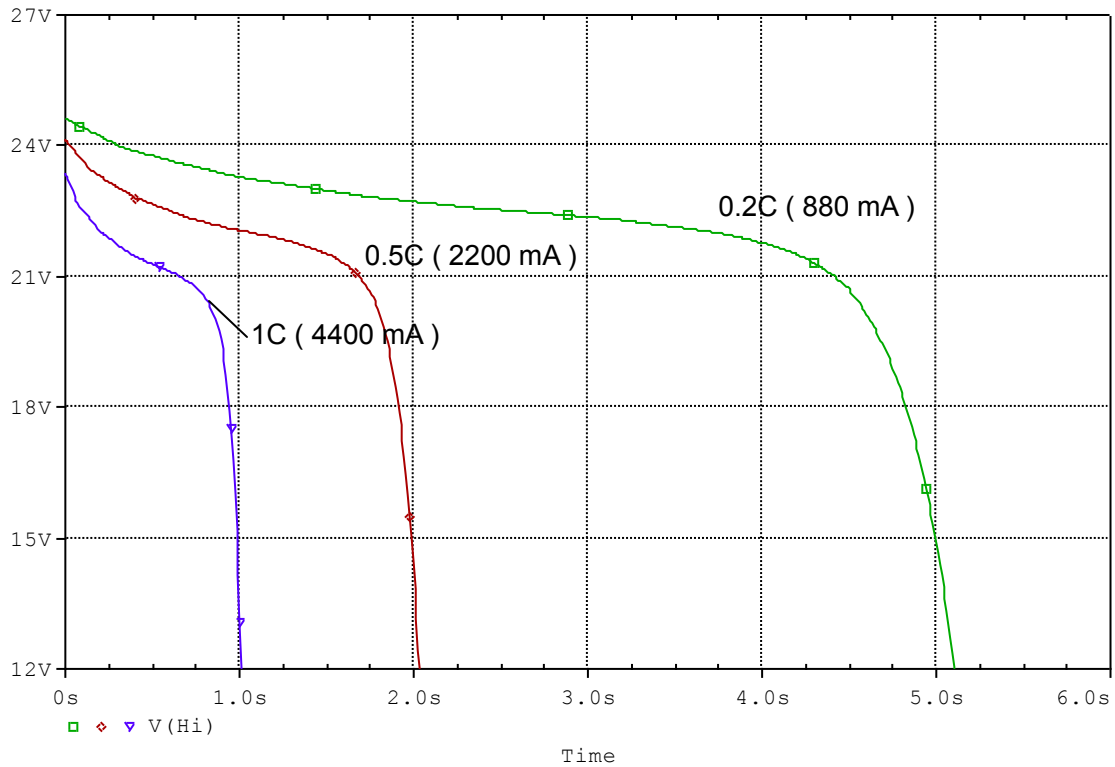
COMPONENTS: Lithium Batteries Pack
PART NUMBER: PBT-BAT-0003
MUNUFACTURER: BAYSUN



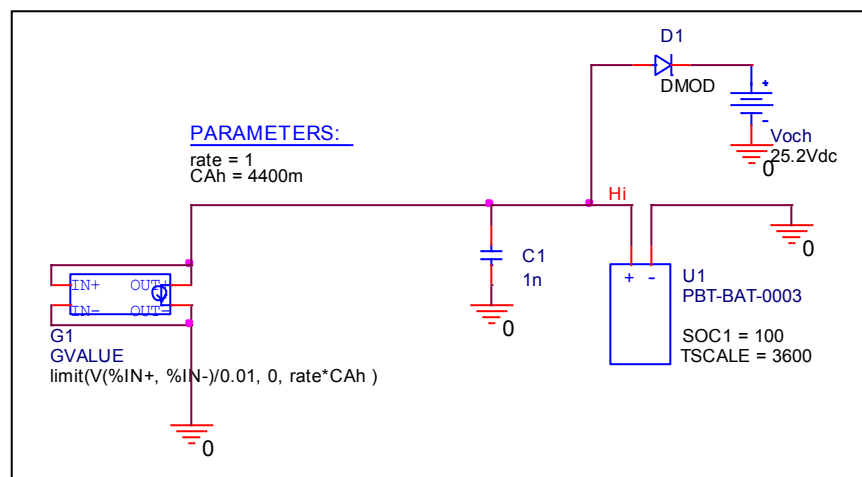
Bee Technologies Inc.

Discharge Characteristics

Circuit Simulation Result



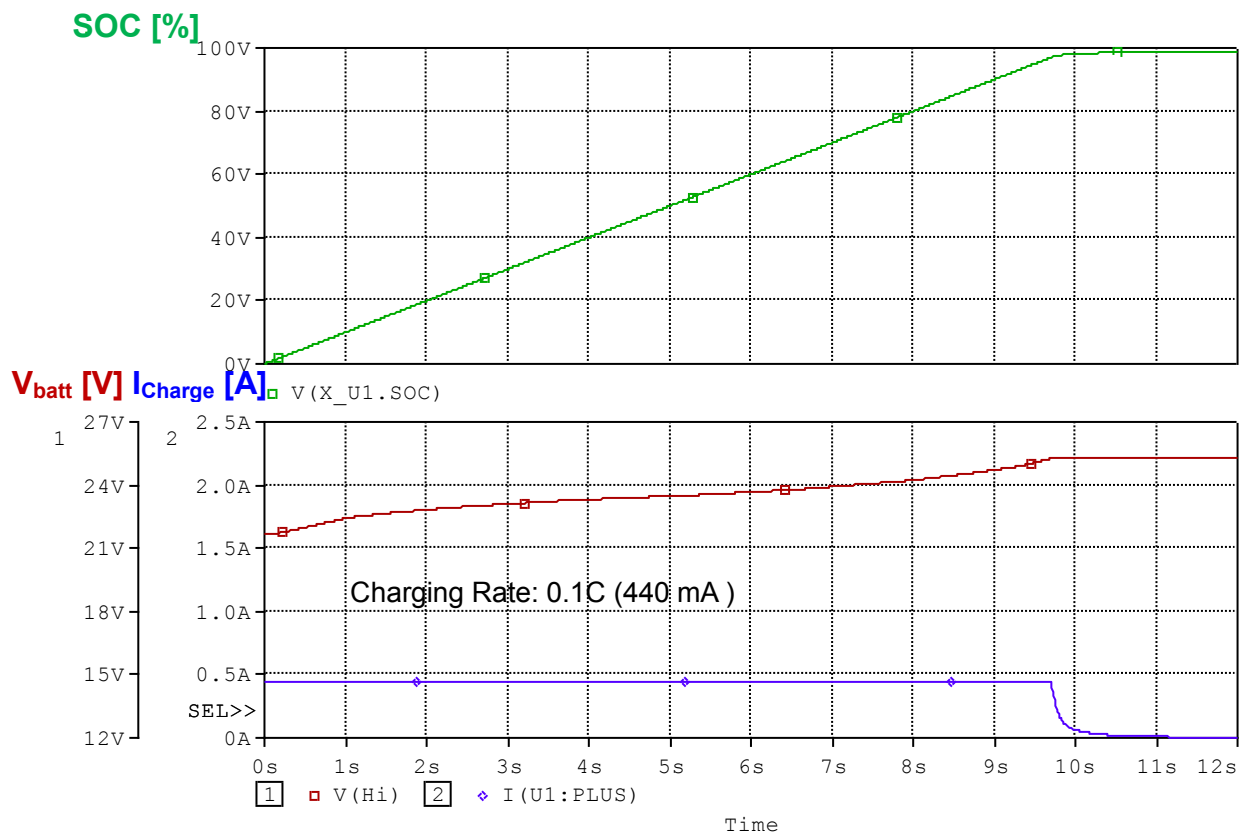
Simulation Circuit



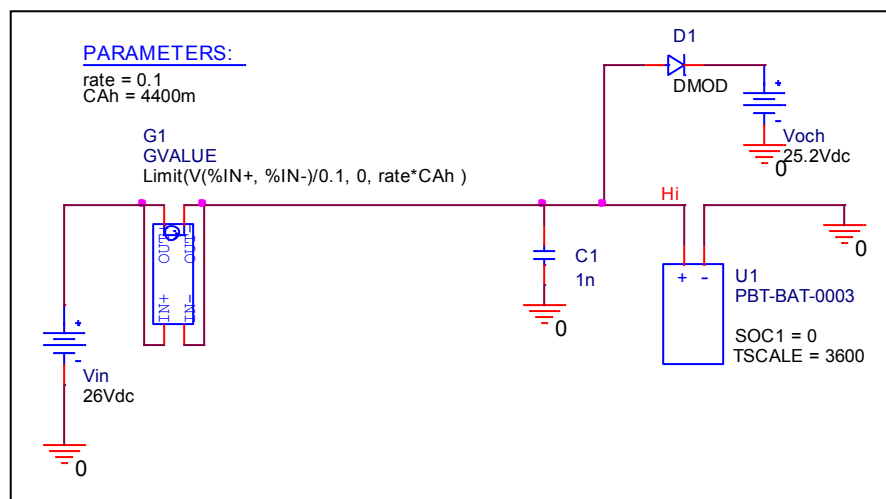
※ To discharge from 100% of battery capacity, SOC1=100

Charge Characteristics

Circuit Simulation Result



Simulation Circuit



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

Data Information

No. PBT-BAT-0003	
Capacity	98[Wh], 4400[mAh] (Approximately)
Rated Current	2 [A]
Input Voltage	26 [Vdc]
Output Voltage	18~25 [Vdc] (6 cells)
Charging time	10 [hours] (Approximately), $I_{\text{CHARGE}}=440\text{mA}$