

Device Modeling Report

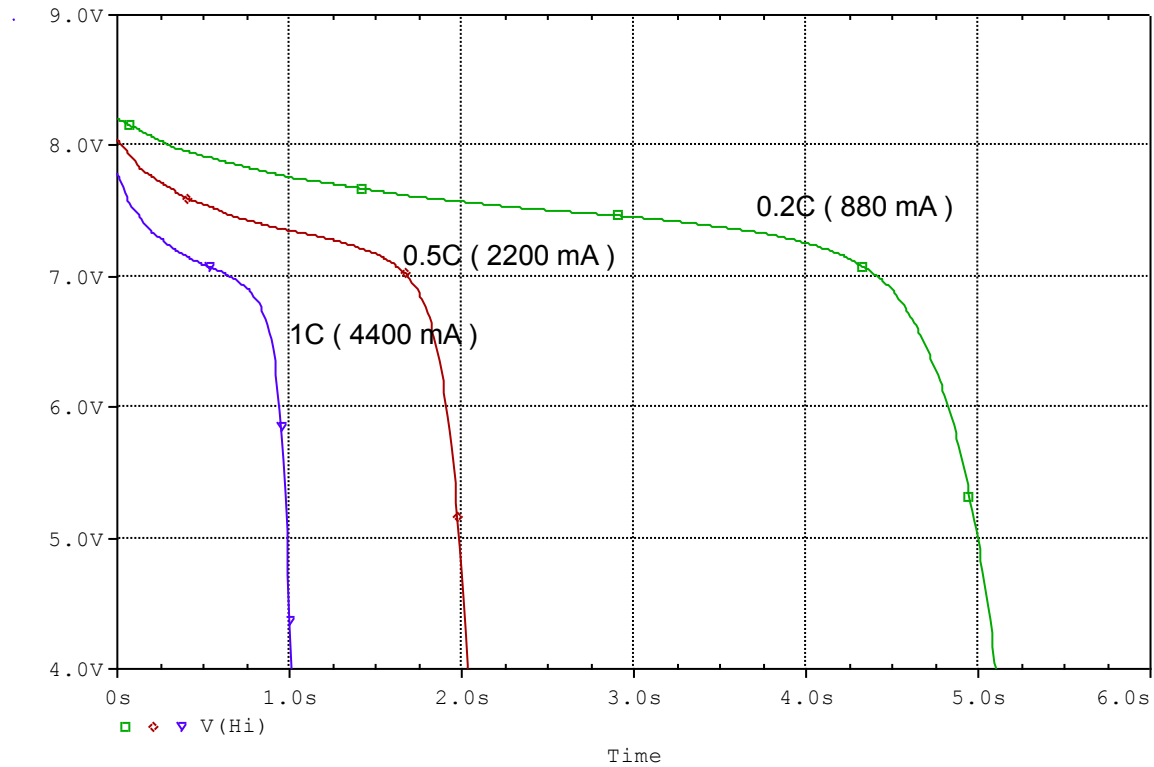
COMPONENTS: Lithium Batteries Pack
PART NUMBER: PBT-SET-0001
MUNUFACTURER: BAYSUN



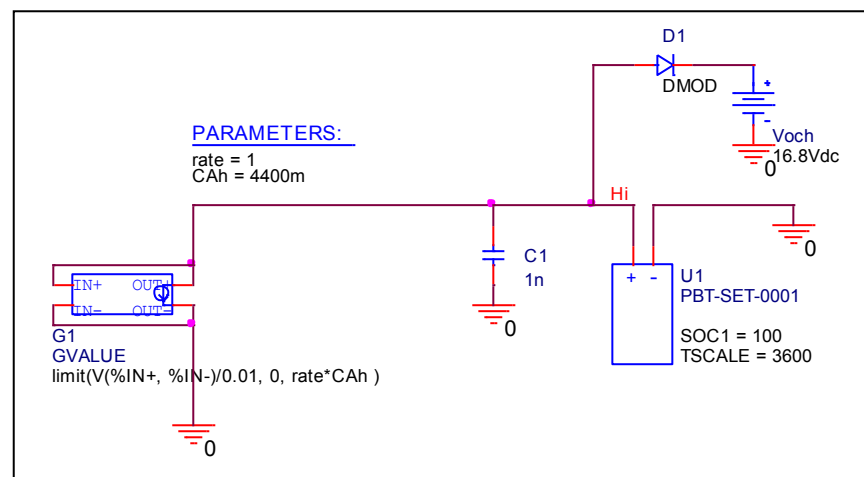
Bee Technologies Inc.

Discharge Characteristics

Circuit Simulation Result



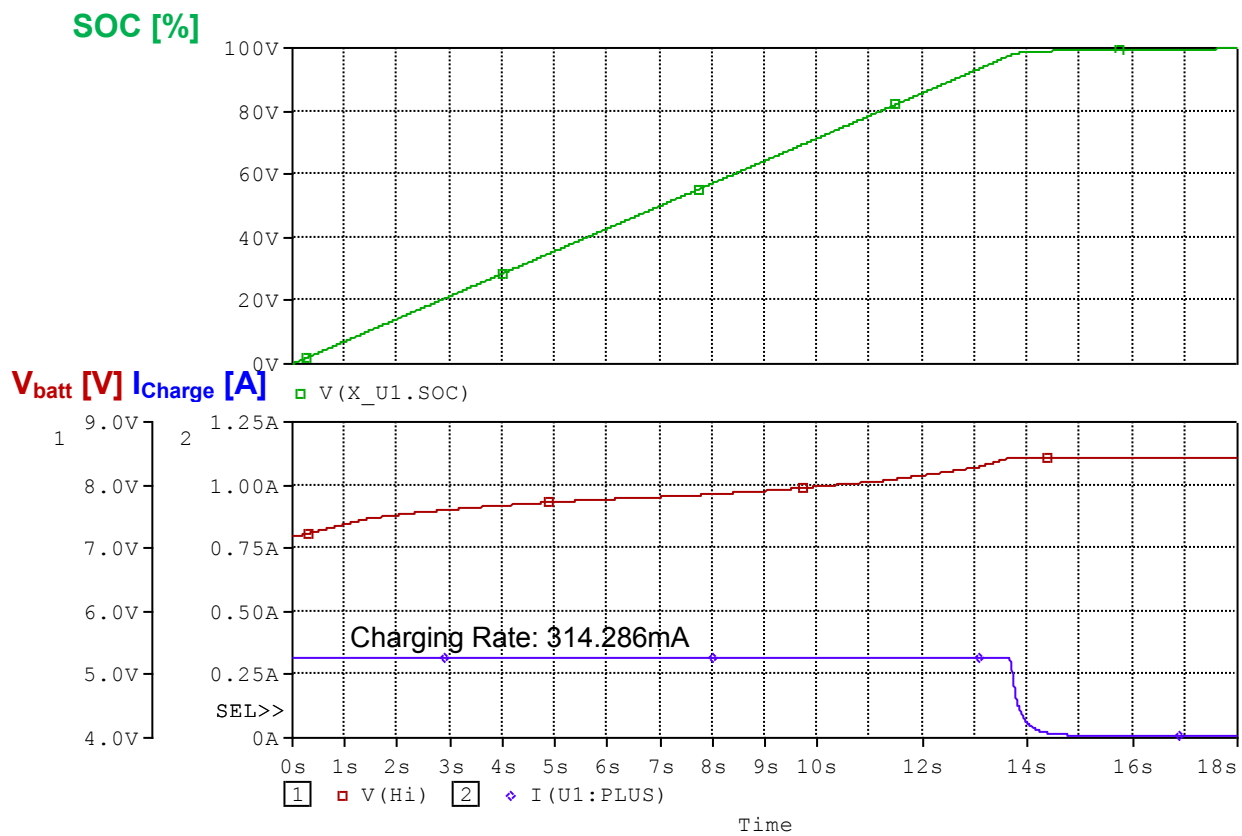
Simulation Circuit



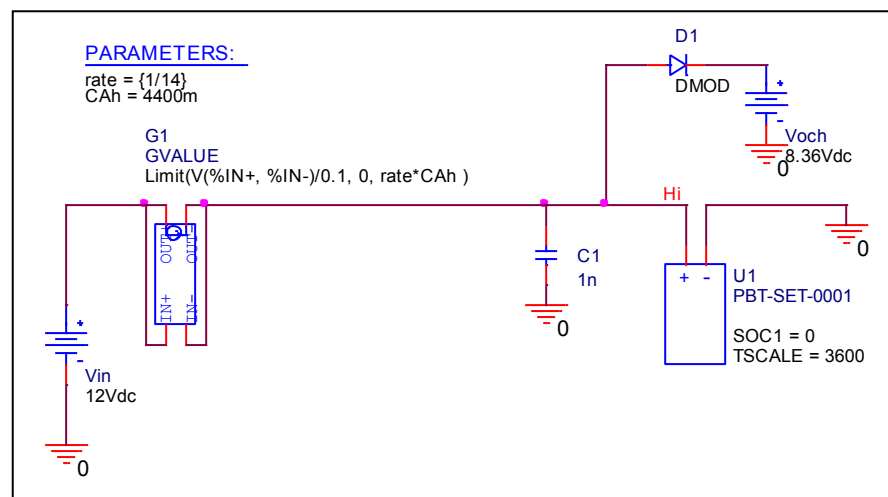
✖ To discharge from 100% of battery capacity, SOC1=100

Charge Characteristics

Circuit Simulation Result



Simulation Circuit



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

Data Information

No. PBT-SET-0001	
Capacity	32[Wh], 4400[mAh] (Approximately)
Rated Current	2 [A]
Input Voltage	12 [Vdc]
Output Voltage	4.8~8.2 [Vdc] (2 cells)
Charging time	14 [hours] (Approximately), $I_{\text{CHARGE}}=314\text{mA}$