

Device Modeling Report

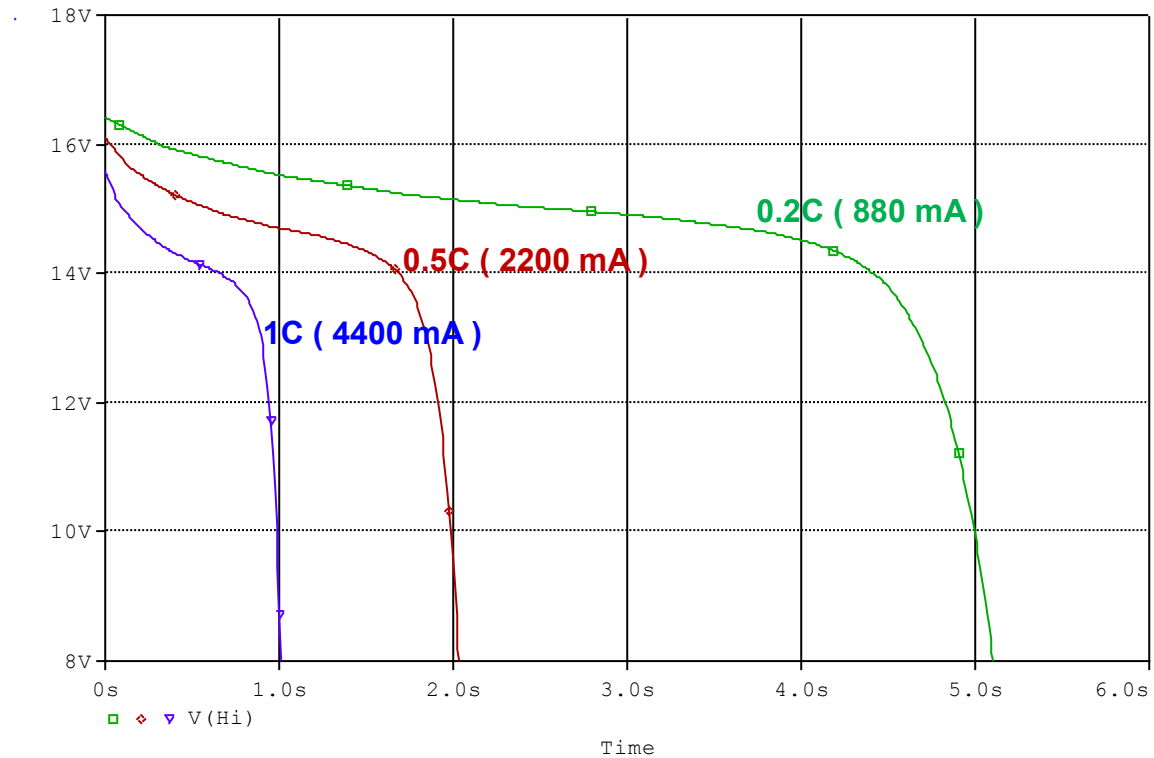
COMPONENTS: Lithium Batteries Pack
PART NUMBER: PBT-BAT-0001
MUNUFACTURER: BAYSUN



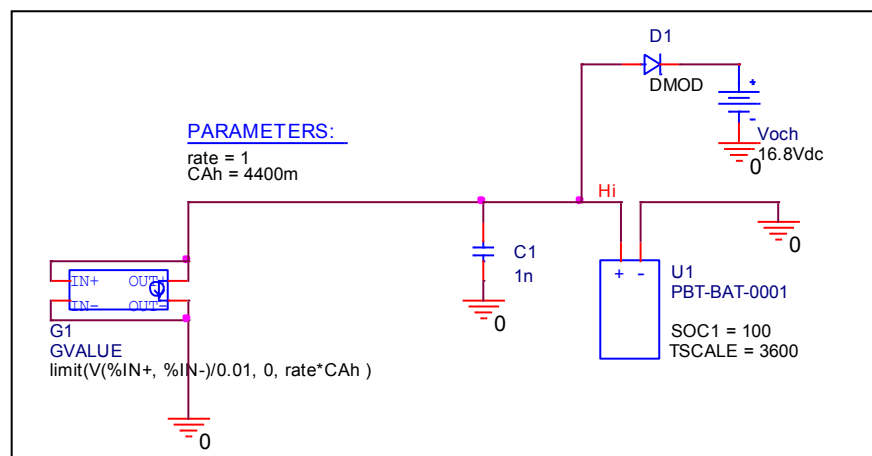
Bee Technologies Inc.

Discharge Characteristics

Circuit Simulation Result



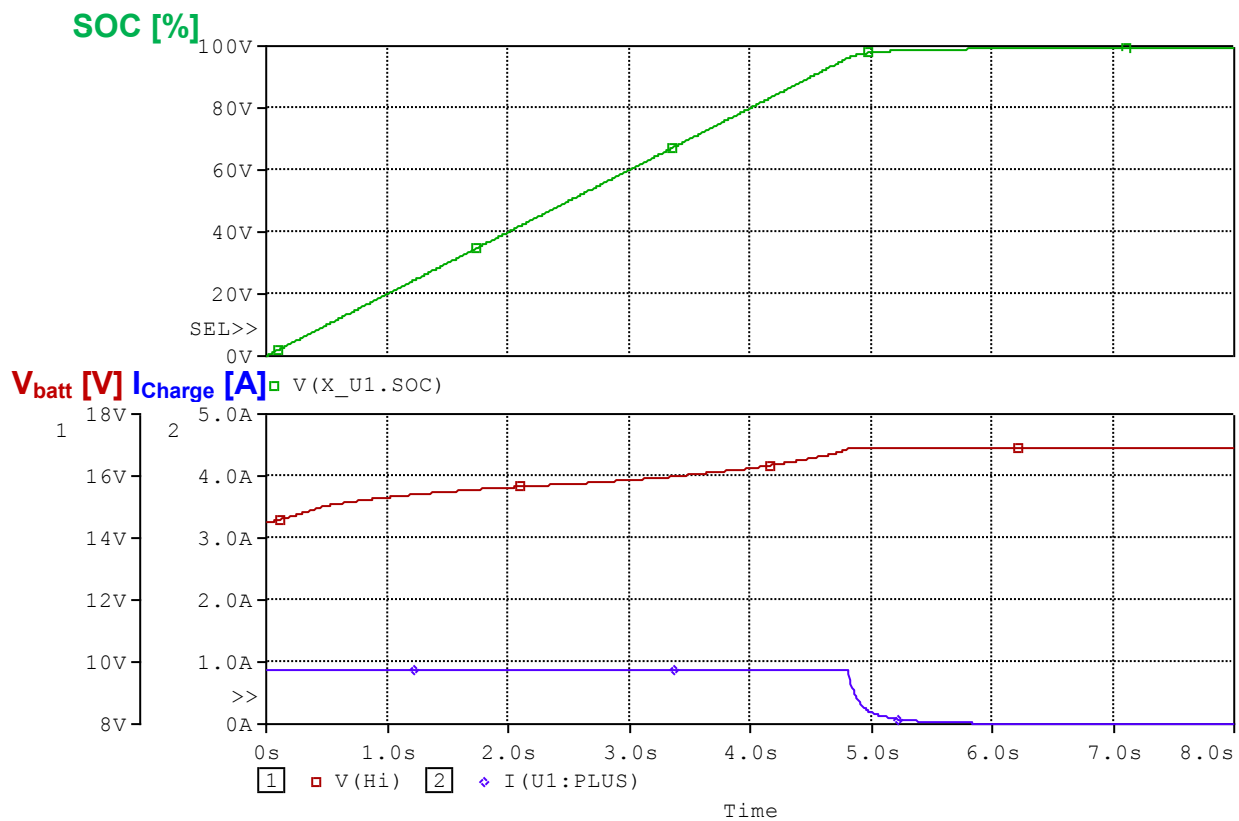
Simulation Circuit



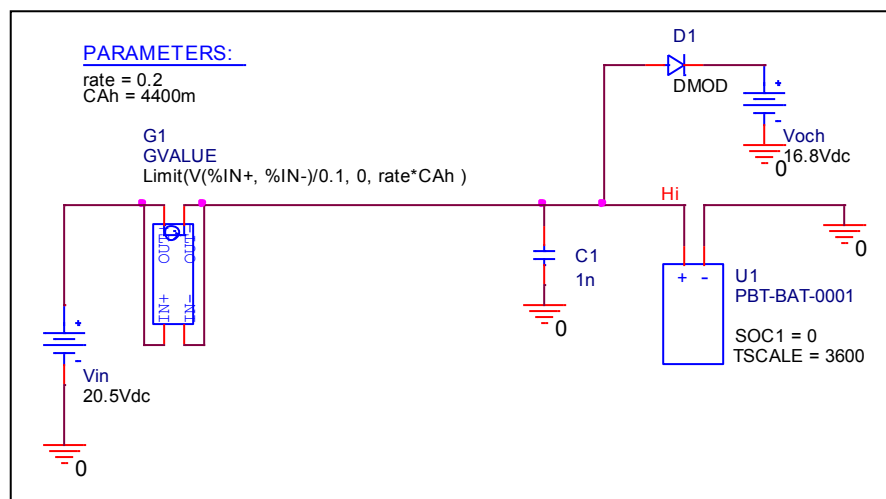
※ To discharge from 100% of battery capacity, SOC1=100

Charge Characteristics

Circuit Simulation Result



Simulation Circuit



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

Data Information

No. PBT-BAT-0001	
Capacity	65[W], 4400[mAh] (Approximately)
Rated Current	3 [A]
Input Voltage	20.5 [Vdc]
Output Voltage	12.8~16.4 [Vdc] (4 cells)
Charging time	5 [hours] (Approximately)