

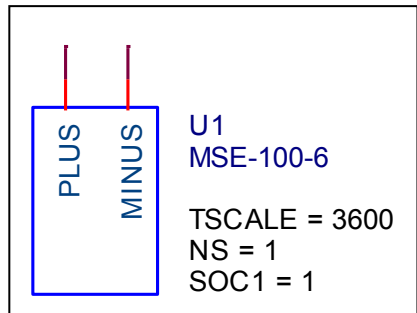
Device Modeling Report

COMPONENTS: Lead-Acid Battery
PART NUMBER: MSE-100-6
MUNUFACTURER: GS YUASA



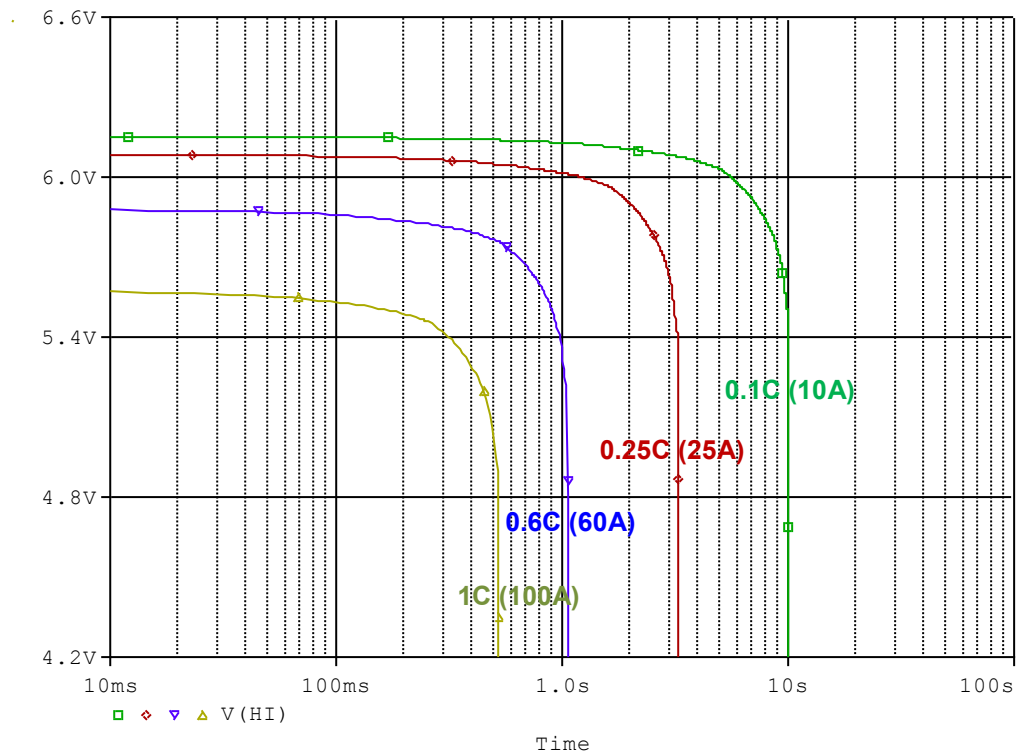
Bee Technologies Inc.

Circuit Configuration

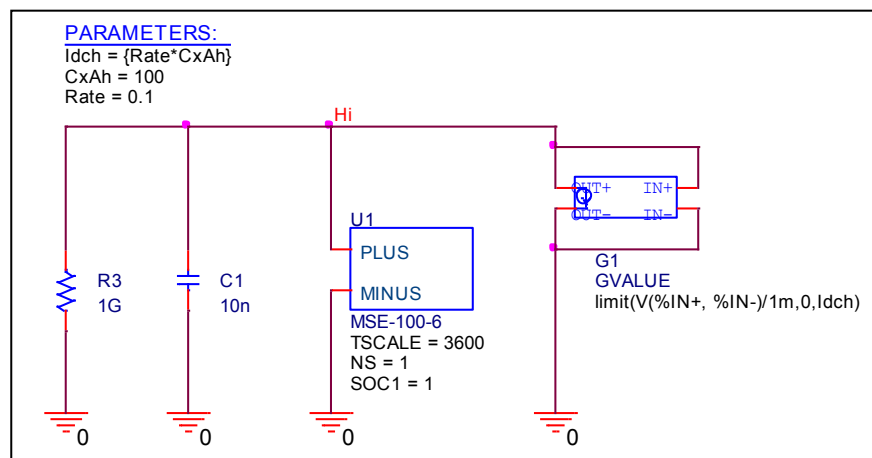


Discharge Characteristics

Circuit Simulation Result



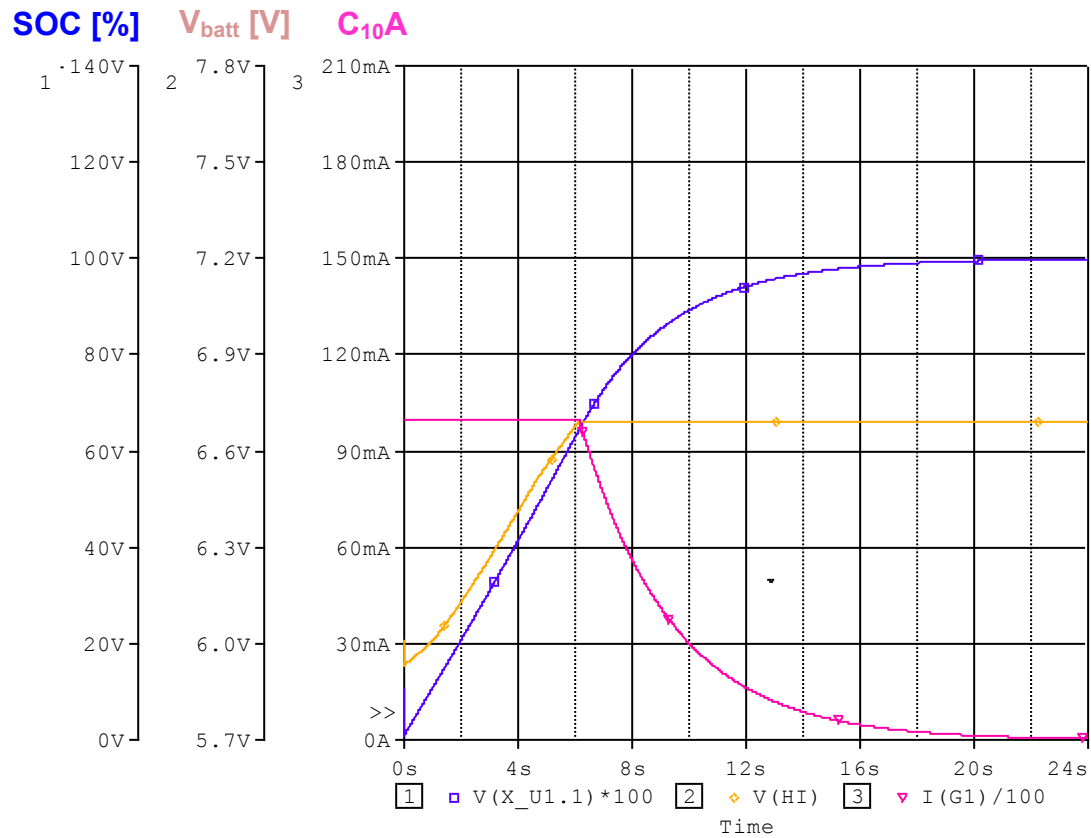
Simulation Circuit



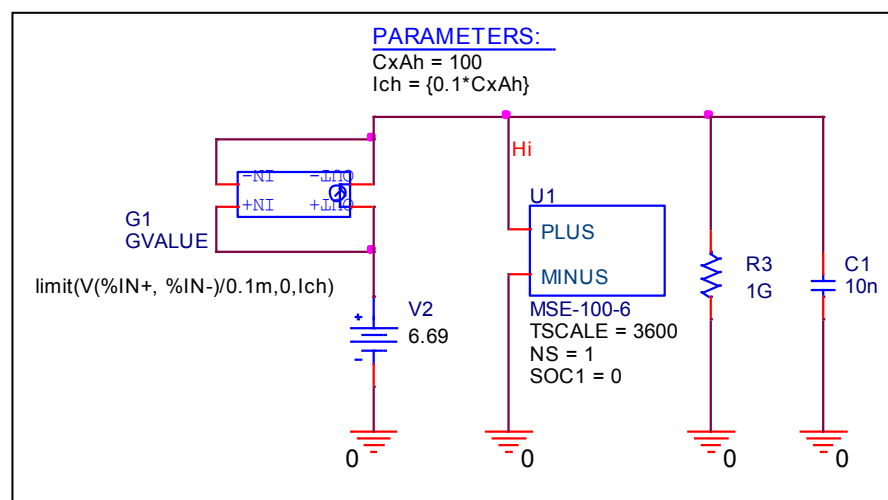
※ To discharge from 100% of battery capacity, SOC1=1

Charge Characteristics

Circuit Simulation Result



Simulation Circuit



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

Data Information

No. MSE-100-6	
Nominal voltage	6.0 [Vdc]
Capacity	100[Ah]@C ₁₀ , 65[Ah]@C ₁
Rated charge	0.1C ₁₀ A
Input voltage	6.69 [Vdc]
Charging time	24 [hours] @0.1C ₁₀ A