

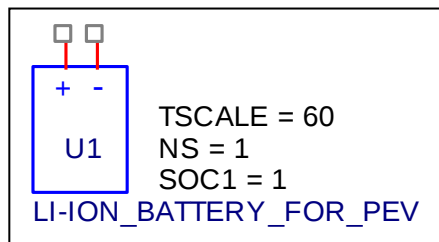
Device Modeling Report

COMPONENTS: Li-Ion Batteries
PART NUMBER: Li-Ion Battery for PEV
MUNUFACTURER: Shin-Kobe Electric Machinery Co., Ltd.



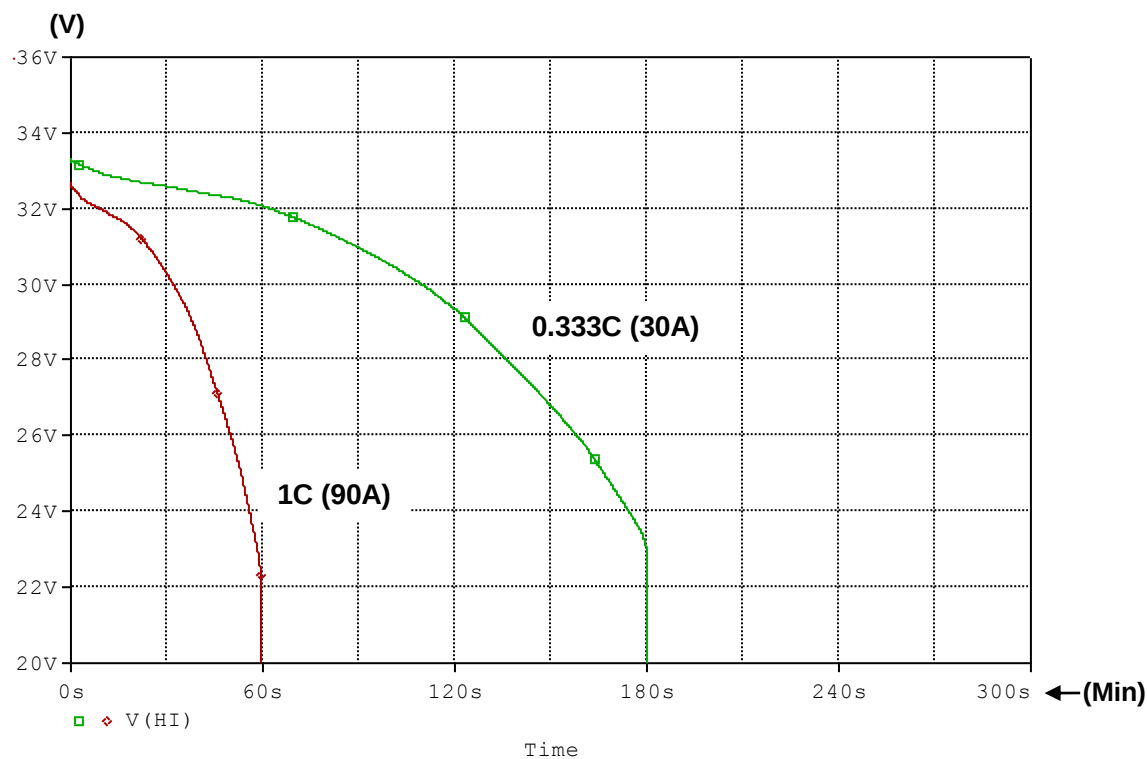
Bee Technologies Inc.

Circuit Configuration

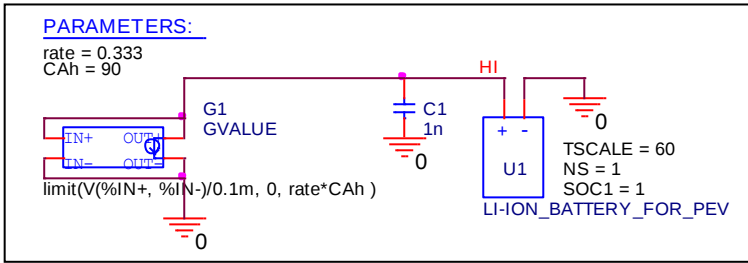


Discharge Characteristics (Battery Voltage vs. Time)

Circuit Simulation Result

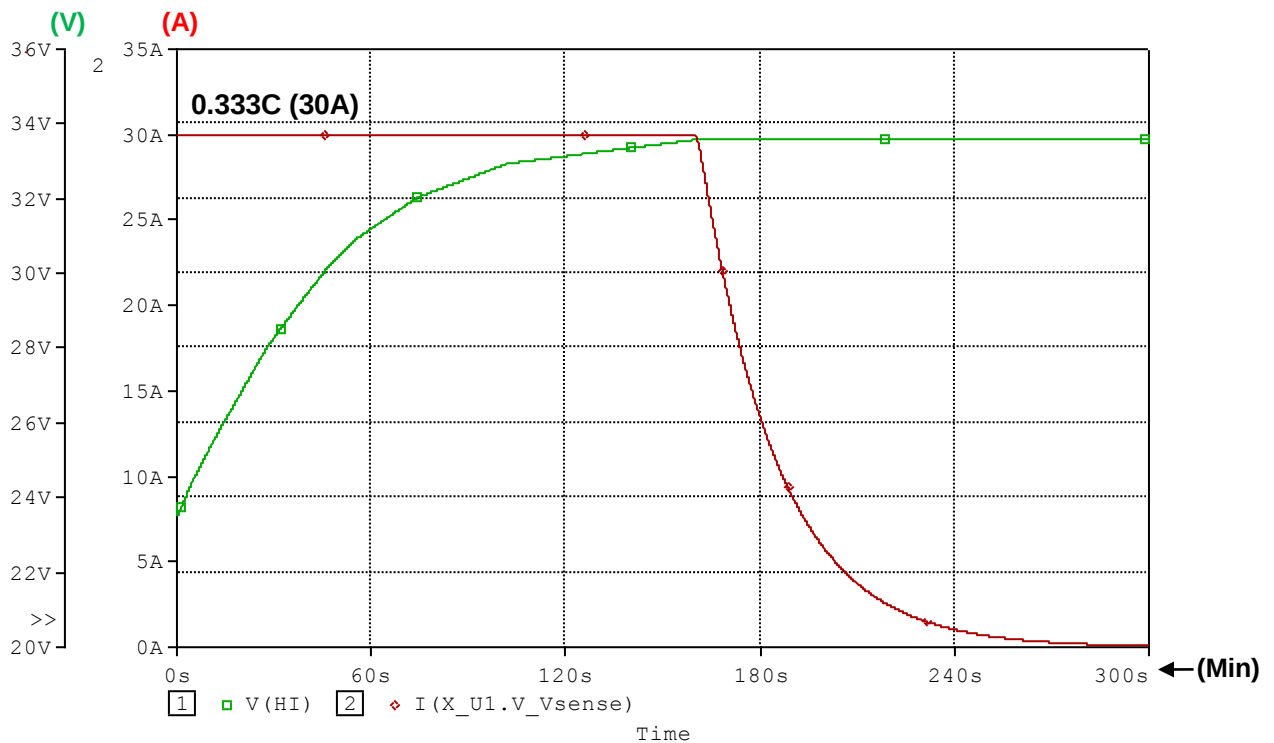


Simulation Circuit

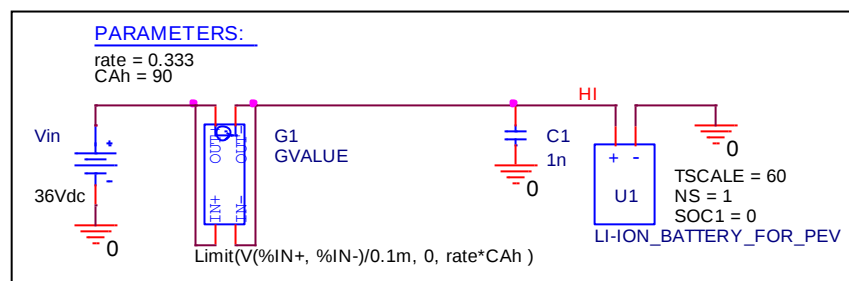


Charge Characteristics (Battery Voltage vs. Time)

Circuit Simulation Result

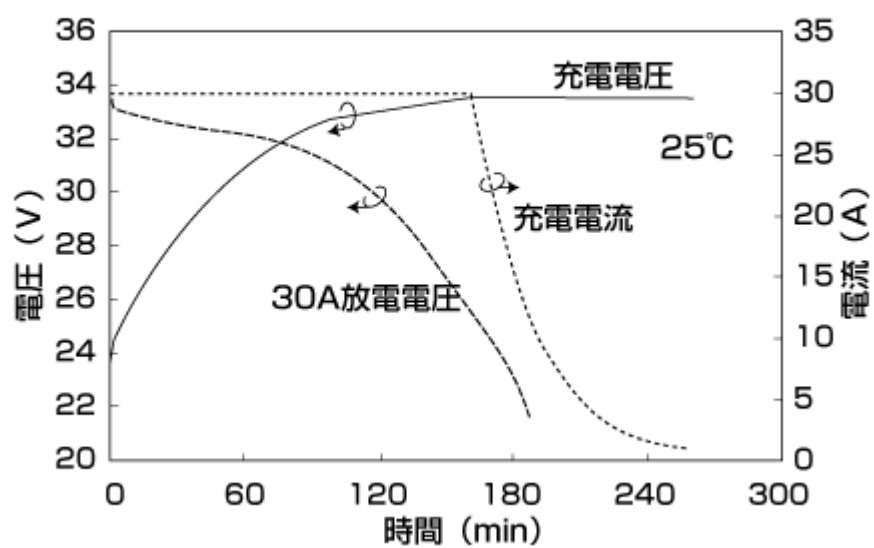


Simulation Circuit



× Tscale turns minute into seconds.

充放電特性



Data Information

No. Li-Ion Battery for PEV	
Nominal Voltage	30 [V]
Capacity	90 [Ah]
Energy Density	93 [Wh/kg]
Power Density –DOD85%	350 [W/kg]
Rated Charge	0.333C (30A)