

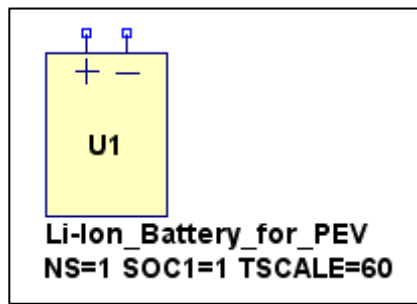
# Device Modeling Report

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



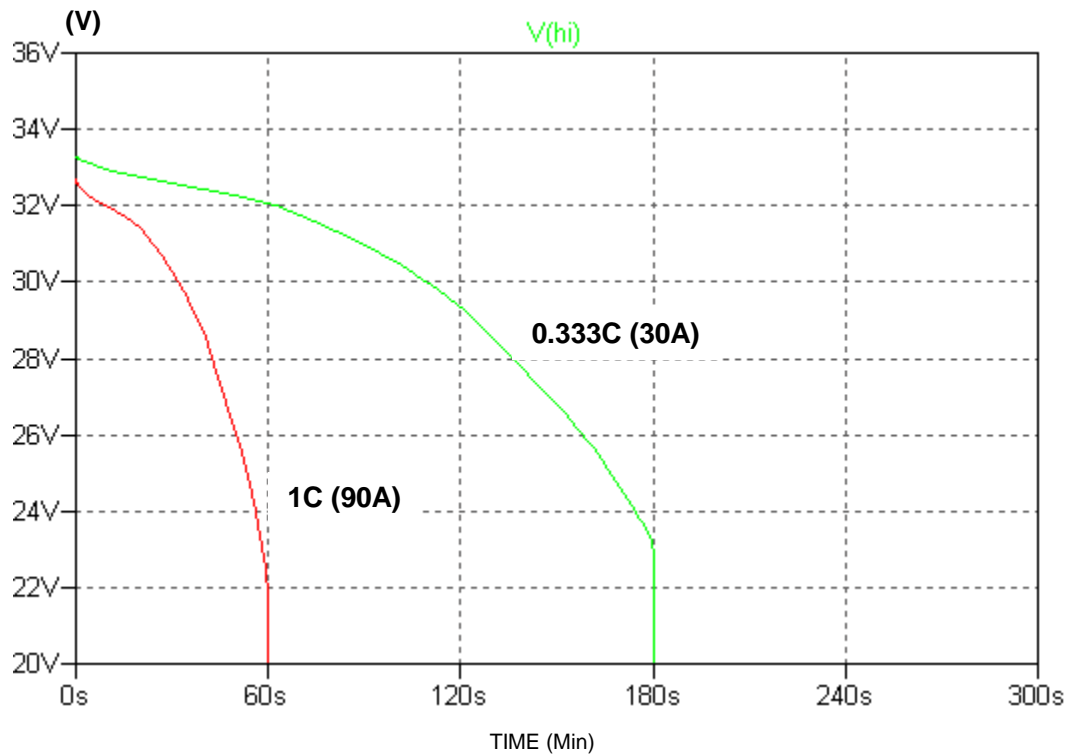
**Bee Technologies Inc.**

## Circuit Configuration

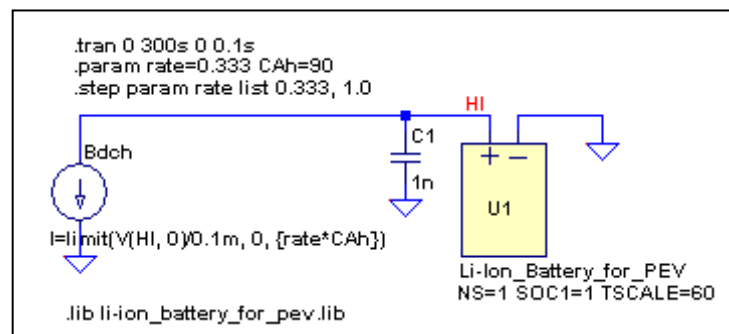


## Discharge Characteristics (Battery Voltage vs. Time)

### Circuit Simulation Result

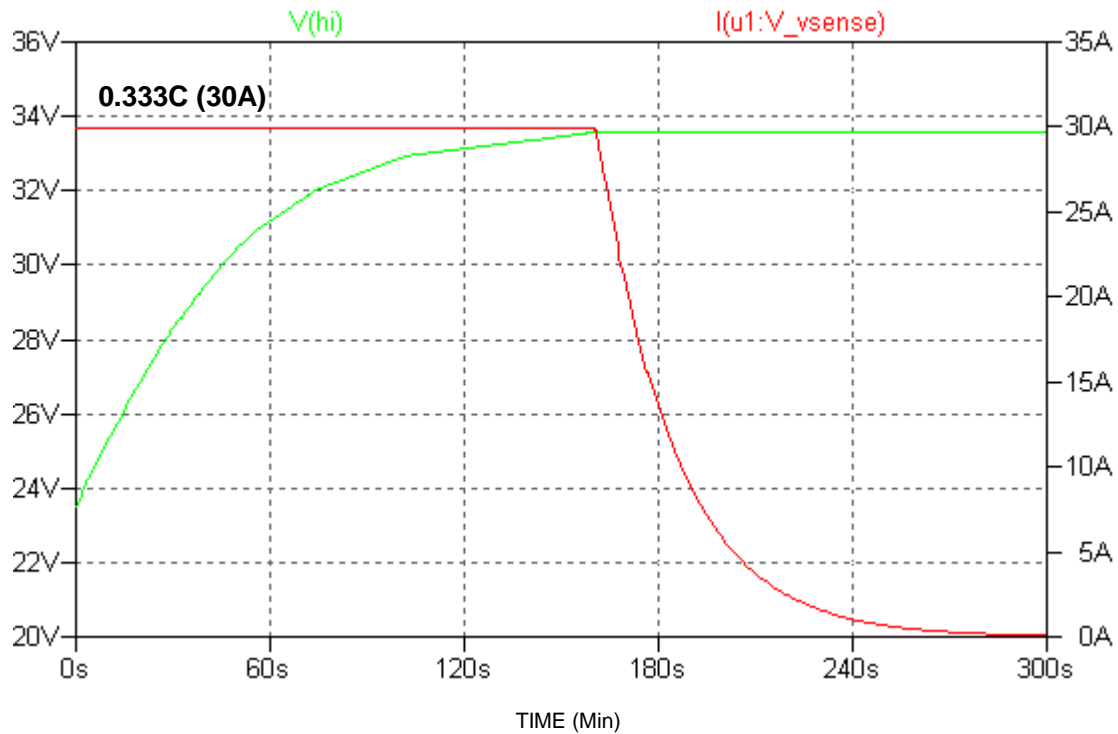


### Simulation Circuit

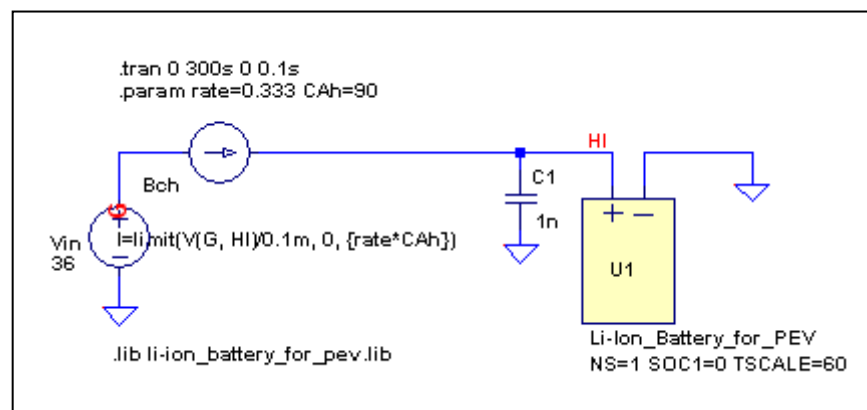


## Charge Characteristics (Battery Voltage vs. Time)

### Circuit Simulation Result

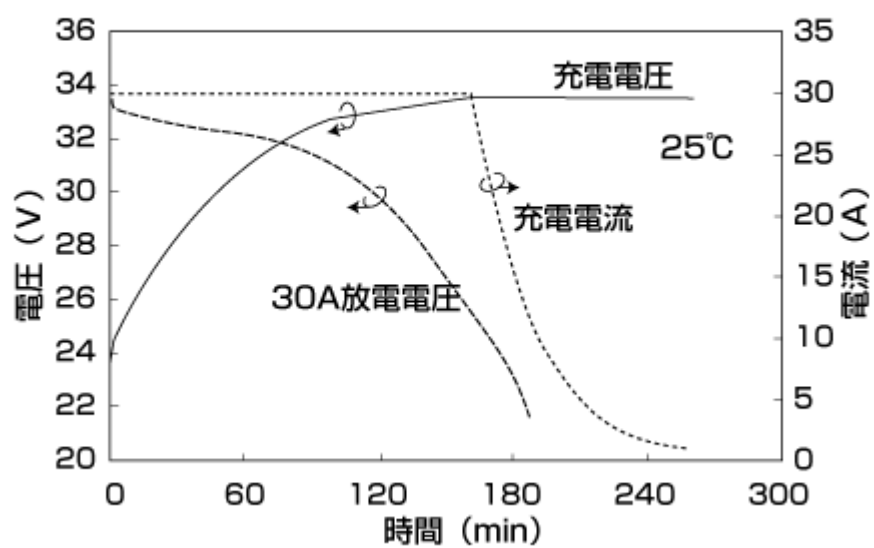


### Simulation Circuit



× 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)