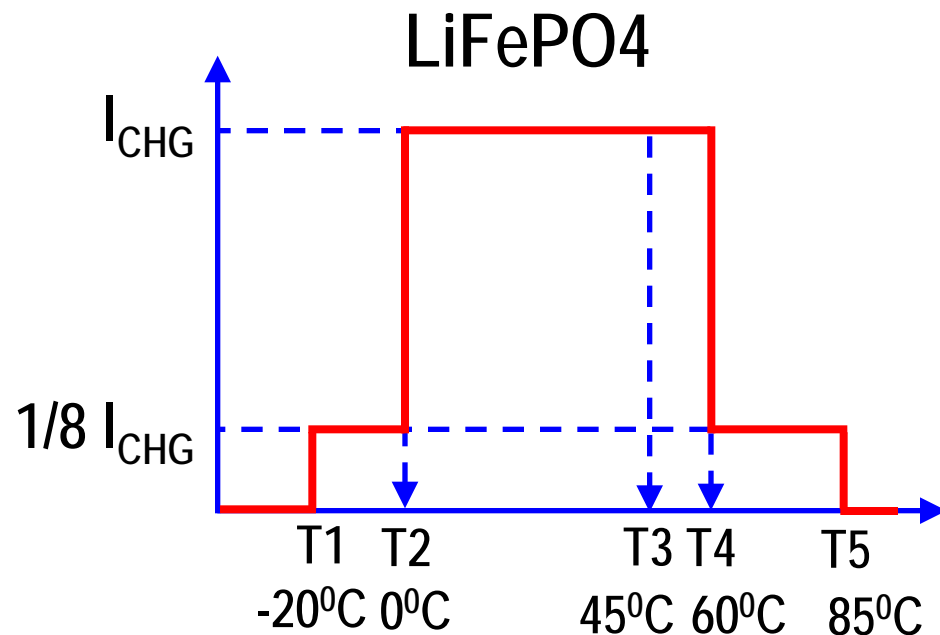
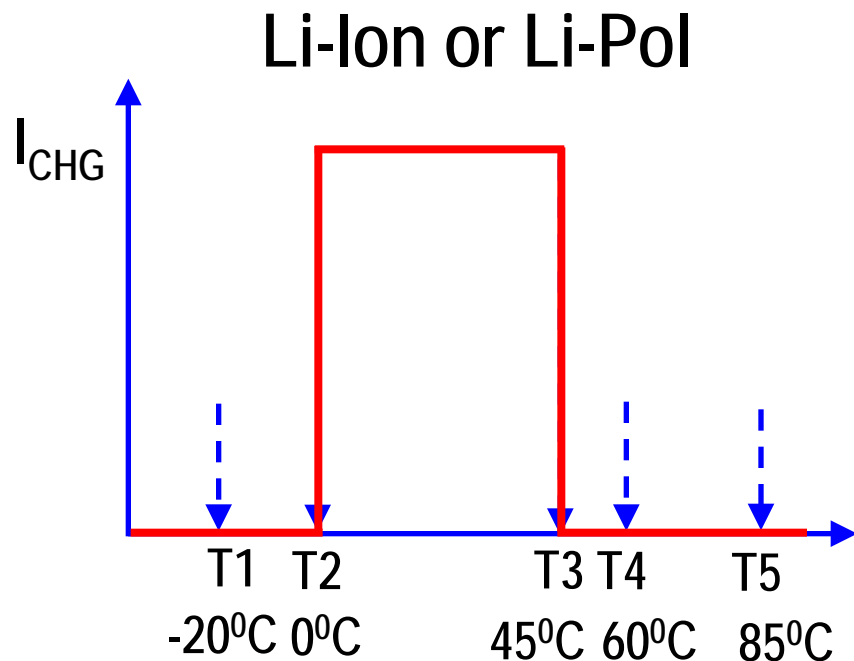


Li-Ion and LiFePO4 Battery Charger Difference -1

	Li-Ion or Li-Pol (bq24600/10)	LiFePO4 (bq620/30)
Charge Voltage	4.2V/cell	3.6V/cell
Precharge Voltage	3.1V/cell	0.7V/cell
Recharge Voltage	4.1V/cell	3.35V/cell
Precharge Current	C/10 or R PROG (125mA min)	Fixed 125mA

- Charge voltage is adjustable by external resistor divider.
- Pre-charge and recharge voltage threshold percentage is fixed.
- Lower charge voltage since not much energy stored in the battery >3.6V

Li-Ion and LiFePO4 Battery Charger Difference -2



- Charge current dependence on temperature is different for LiFePO4.
- Wide charge temperature range since it has higher safety than Li-Ion.