

The BMS settings for LTO cells are below. The cells are fully charged and balanced (see next page) before starting the test.

BMS Parameters

Project	Device Param	Set Param	
CellHighAlarm	2.8 V	2.8	SET
CellLowAlarm	1.9 V	1.9	SET
CellHighProtect	2.7 V	2.7	SET
CellLowProtect	1.6 V	1.6	SET
CellHighRecover	2.6 V	2.6	SET
CellLowRecover	2.0 V	2.0	SET
TotalVoltHighProtect	67.2 V	67.2	SET
TotalVoltLowProtect	0.0 V	0.0	SET
ChgOverCurrentProtect	50.0 A	50.0	SET
ChgOverCurrentDelay	5 S	5	SET
DisChgOverCurrent Protect	200.0 A	200.0	SET
DisChgOverCurrentDelay	5 S	5	SET
Max Balance Limit Voltage	2.7 V	2.7	SET
READ THE BMS PARAMETER		SAVE	






Starting State of Battery (10 cells only per test)

7:03					
RV:3243 WorkingTime:27Day14Hour41Min26Second					
ChargeMOS: CellHigh					
DisChgMOS: ON					
Balance: OFF					
Volt	26.3	V	Current	0.0	A
Capacity	99.467	AH	SOC	100	%
CycleAH	39	AH	Power	0	W
CellHigh	2.631	8	CellLow	2.629	1
CellAvg	2.630	V	CellDiff	0.002	V
MOS	25	°C	Balance	25	°C
T1	-30	°C	T2	-30	°C
T3	-30	°C	T4	-30	°C
[01]	2.629	V	[02]	2.630	V
[03]	2.630	V	[04]	2.630	V
[05]	2.630	V	[06]	2.630	V
[07]	2.630	V	[08]	2.631	V
[09]	2.630	V	[10]	2.630	V



End State of Battery Test (10 cells only per test)

11:00   

RV:3243 WorkingTime:27Day18H

ChargeMOS: **ON**
DisChgMOS: **PrechargeFailure**
Balance: OFF

After disconnecting the load, the cell voltage has recovered to around 2V per cell

Volt	20.7	V	Current	0.0	A
Capacity	0.000	AH	SOC	0	%
CycleAH	77	AH	Power	0	W
CellHigh	2.083	10	CellLow	2.045	8
CellAvg	2.067	V	CellDiff	0.038	V
MOS	28	°C	Balance	26	°C
T1	-30	°C	T2	-30	°C
T3	-30	°C	T4	-30	°C
【01】	2.058	V	【02】	2.060	V
【03】	2.074	V	【04】	2.074	V
【05】	2.059	V	【06】	2.081	V
【07】	2.064	V	【08】	2.045	V
【09】	2.081	V	【10】	2.083	V

