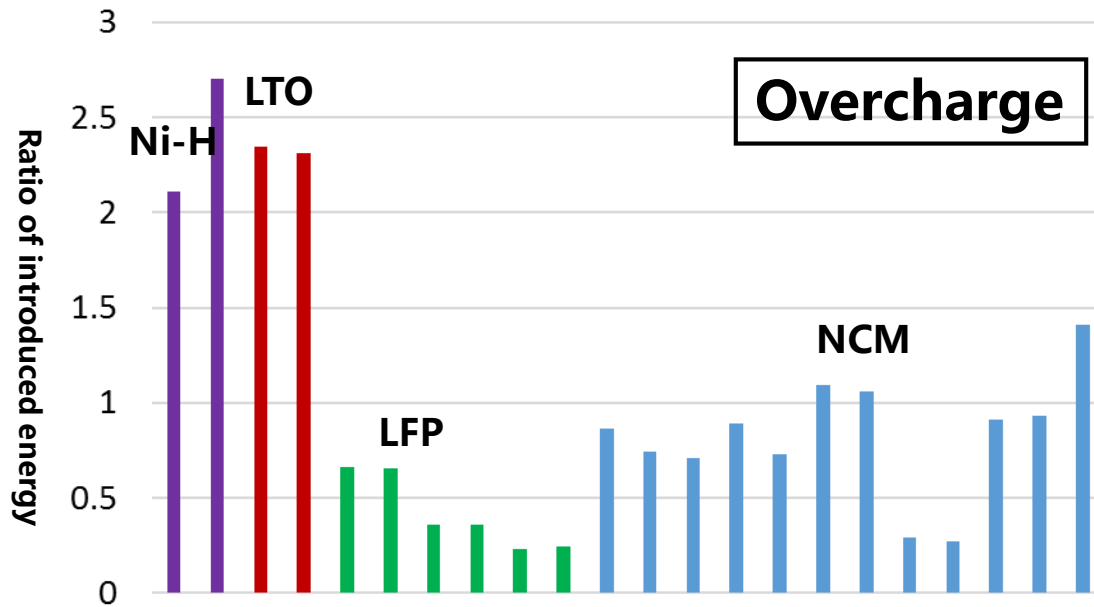


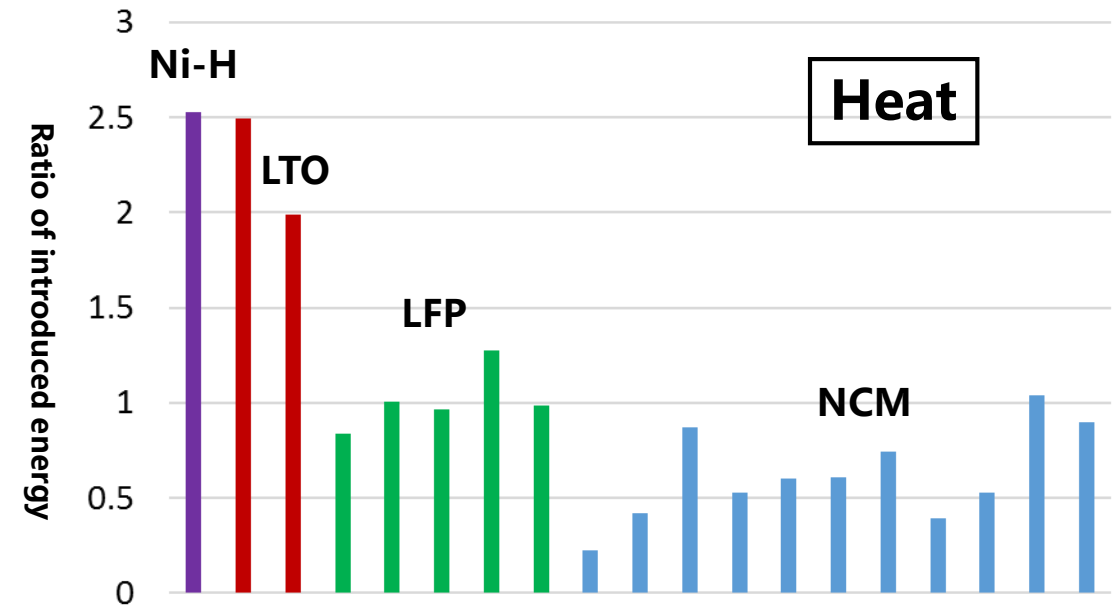
Test results



Ratio of introduced energy :

- Ni-H (1) : 2.11~2.70
- LTO (1) : 2.35~2.31
- LFP (3) : 0.23~0.66
- NCM (6) : 0.26~1.41

Can you specify the equation here

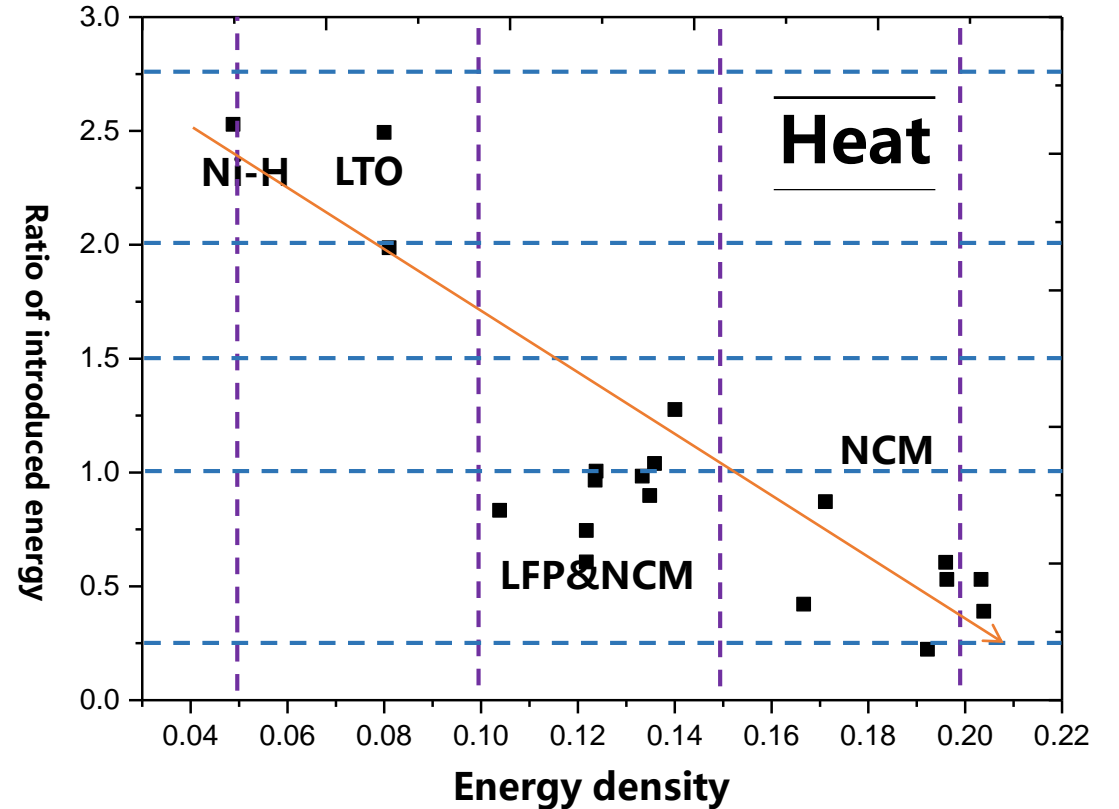
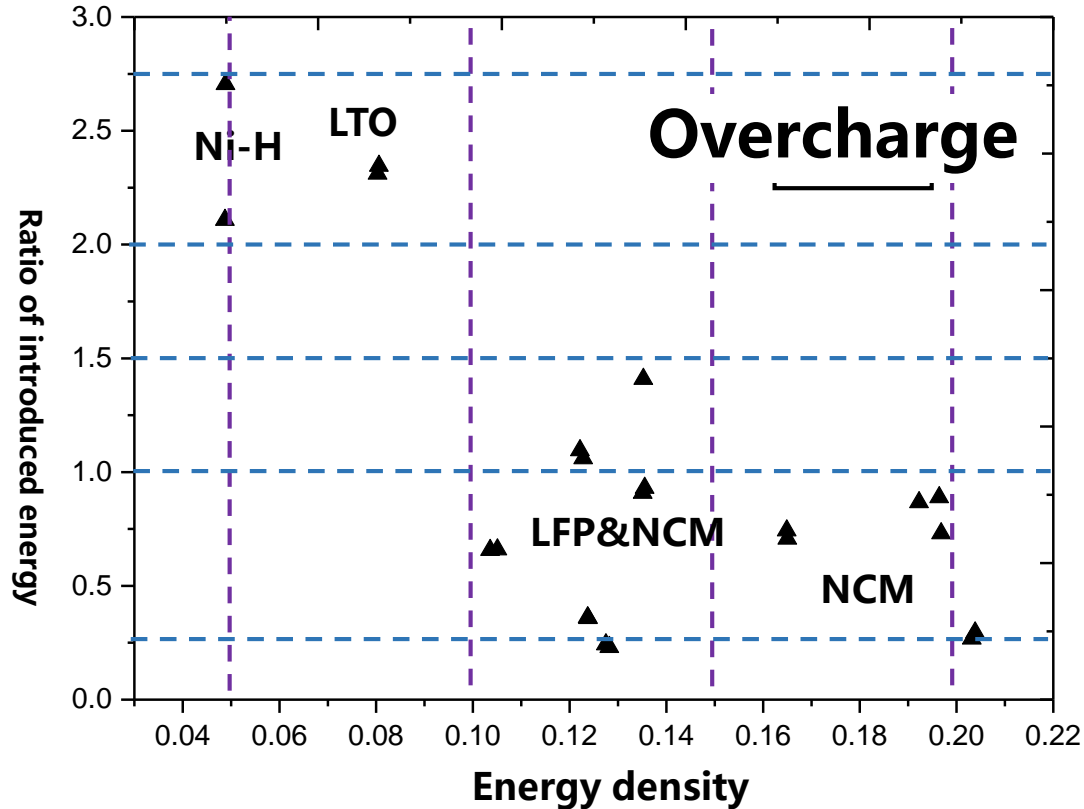


Ratio of introduced energy :

- Ni-H (1) : 2.53
- LTO (1) : 1.99~2.49
- LFP (3) : 0.83~1.28
- CNM (6) : 0.22~1.04

➤ The energy introduced is influenced by both the battery type and the triggering method

Test results



- The higher the energy density, the lower the energy required to trigger thermal runaway

Have you compared pouch vs prismatic during external heating? The cell format will influence this trend.

Test results

➤ Parameters of overcharge

No regularity

Please define:
Normally Temp
ramp rate is not
linear

Please define this
measurement

Method	TR Temperature	temp. rate	Voltage
Overcharge	113	2	0
	125	4	2.5
	90	2.5	2.5
	79	2	0
	75	1.5	1.5
	80	1.8	32 (MAX)
	85	1.9	32 (MAX)
	75	1.9	1
	105	2	30
	90	1.7	30 (MAX)
	95	4.1	0
	100	2	MAX

Test results

➤ Parameters of penetration

Please define

Sample	Method	Temp. rate 1°C/s	Temp. rate 2°C/s	Temp. rate 4°C/s
LFP-25	Penetration	28	30	48
LFP-25		29	30	35
NCM-26.5		25	30	32
NCM-26.5		28	29	30
LFP-22		28	31	34
LFP-22		28	28	31
LTO-30		---		
NCM-44		25	26	27
NCM-44		25	25	25
Ni-H-6		28	29	35
Ni-H-6		29	30	50
LFP-1.6		30	32	49
LFP-1.6		---		
NCM-2.0		28	29	31
NCM-2.0		30	30	33
NCM-33		25	28	34
NCM-33		30	30	37
LMO-35		27	29	35
LMO-35		28	30	33
NCM-2.5		25	25	30
NCM-2.5		25	25	25
NCM-26		29	29	30
NCM-26		29	29	30