Research progress

ltem	18650-3.0Ah-10.95Wh-80W			18650-3.0Ah-10.95Wh-100W			18650-3.0Ah-10.95Wh-120W			
No.	Heating time/s	Trigger temp./°C	Introduced energy/Wh	Heating time/s	Trigger temp./°C	Introduced energy/Wh	Heating time/s	Trigger temp./°C	Introduced energy/Wh	More heating
1	108.00	116.60	2.40	66.00	148.00	1.83	70.00	165.60	2.33	
2	107.00	160.70	2.38	62.00	140.50	1.72	77.00	199.20	2.57	
3	110.00	145.30	2.44	96.00	185.20	2.67	50.00	117.10	1.67	
4	104.00	133.30	2.31	96.00	197.20	2.67	87.00	227.30	2.90	
5	106.00	150.20	2.36	fail			80.00	189.80	2.67	power conditions
Stand deviat OICA questions: a) What does "fail" mean in the middle of the table? b) If "fail" means that the cell didn't show a thermal runaway at all, is there a reason for this lack of reproducibility? coefficient Image: Control of the table of										

More tests to do to get the best conditions

Evaluation Criteria

1. No thermal runaway after initiation	pass
2. No propagation at all	pass
3. Total containment	pass

4. Egress test

The objective is sufficient egress time. This can vary for different vehicles.

We can study the sufficient egress time for different types of vehicles according to the research method in Phase I.

"hazardous situation" should be quantitatived or proofed more clearly.

OICA questions:

- 1) If no thermal runaway after initiation is considered as a "PASS", can cell tests be used instead of module or battery pack or complete vehicle tests?
- 2) Can China provide a more detailled definition for "hazardous situation"?