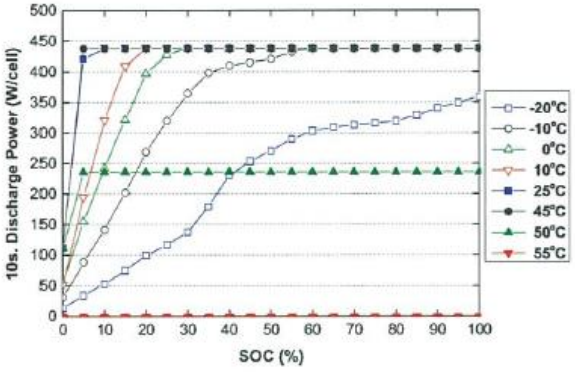
NEW: Test- Sample Cells Lithium-Ion 43 Ah L3 LG Chem – LQ 1729-A2 Cell

-No warranty & No refunding condition while the quality is A Grade with LG Chem's inspection report for each cell.

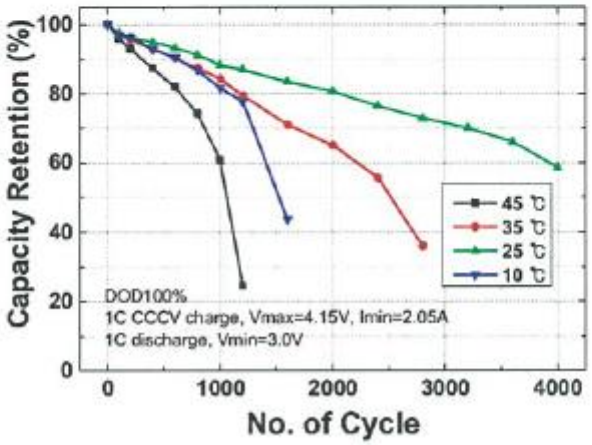
- The buyer can evaluate the cell to get the general cell production trend of LG Chem who is the most advanced large format cell maker in the world and utilize the cell to produce prototype pack system for testing and evaluation.

Item	Condition / Note	Specification
2.1.1 Capacity*	Std. charge / discharge	Nominal 41.4 Ah (C_{nom}) Minimum 41.0 Ah (C_{min})
2.1.2 Nominal Voltage		3.73 V
2.1.3 Voltage*		3.695 ~ 3.735 V
2.1.4 Thickness*		11.3 mm (± 0.23 mm)
2.1.5 Standard Charge (Refer to 4.1.1)	Constant current Constant voltage End condition (Cut off) Temperature	41.0 A 4.15 V 2.05 A 25±2 ℃
2.1.6 Standard Discharge (Refer to 4.1.2)	Constant current End voltage (Cut off) Temperature	41.0 A 3.0 V 25 ± 2 ℃
2.1.7 Weight*		966 g (± 12 g)

Item	Condition	Specification
4.3.1 Discharge power	10s. discharge power for the voltage limits defined below 3.0V @ ≥ 10°C 2.8V @ -20~10°C 2.5V @ ≤ -20°C	

A.1.1 Cycle Life (DOD100%)

- Test condition
  - Charge : 1C CCCV, Vmax=4.15V, Imin=2.05A
  - Discharge : 1C, Vmin=3.0V
  - SOC range : SOC 0~100%
  - Rest time : 20 min after charge / discharge



Applications

Lithium-ion polymer batteries for automotive applications / Cell, Module, Pack, BMS for HEV, PHEV, EV

☑ Lithium-ion cell	☐ Lithium-ion battery
Model name	L3
Nominal voltage	3.75V
Nominal capacity	43Ah
Electric power capacity	161.25Wh