

[Summary of Test results]

Cell Level Test
Cell model: LF280K
Report No.:
4789795626

Cell Design:	LF280K
Thermal Runaway Methodology:	External heating
Cell Surface Temperature at Gas venting:	148.9 °C
Cell Surface Temperature at Thermal Runaway:	147.7 °C
Gas Composition:	Mainly Hydrocarbon, H ₂ , CO, CO ₂
Lower Flammability Limit:	7.15 Vol% at ambient temperature, 6.45 Vol% at 147 °C
Burning Velocity:	79 cm/s
P _{max} :	102 psig
Thermal Runaway was induced in the Cell or not:	Induced
Cell Vent Gas is Flammable or not in Air:	Flammable

Remark: Information was cited from UL test report No.: 4789795626.

Module Level Test
Module model:
LUNA2000-54-2E1
Report No:
CQES240500036601

Module Design:	LUNA2000-54-2E1
Thermal Runaway Methodology:	External heating using film heater
External Flaming:	No external flaming observed
Locations of Flame Venting:	No flame extension observed
Flying Debris:	No flying debris observed
Peak Smoke Release Rate:	0.123 m ³ /s
Gas Generation and Composition:	Mainly Hydrocarbon, CO, CO ₂ , H ₂
Thermal Runaway are Contained by the Module Design or not:	Contained by the Module Design
Cell Vent Gas is Flammable or not:	Flammable
Other Description:	N/A
Test Video file:	Archived by Applicant

Remark: This report only evaluated module level test which is listed inside the dotted box.