

TEST REPORT

ANSI/CAN/UL 9540A:2019

Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems

Report Reference No. : 2306A0924SHA-001

Tested by

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Total number of pages..... : 71

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Testing Laboratory : Intertek Testing Services Shanghai

Address : Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China

Testing location/ procedure : Witness testing

Testing location/ address : No. 1065, Beihe Road, Jiading District, Shanghai

Applicant's name : RNG International Inc.

Address : 5050 S Archibald Ave, Ontario, CA 91762, USA

Test specification:

Standard : ANSI/CAN/UL 9540A:2019 (Fourth Edition) + UL CRD's

Test procedure : Unit level test (clause 9.1-9.8)

Non-standard test method..... : N/A

Test Report Form No. : ANSI/CAN/UL 9540A

Test Report Form(s) Originator : Intertek

Master TRF : N/A

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Test item description..... : LFP Lithium Ion Energy Storage Battery System

Trade Mark..... :



Manufacturer : Pylon Technologies Co., Ltd.

Plant 8, No.505 Kunkai Road, JinXi Town, Kunshan City, Jiangsu
Province, P.R.China

Model/Type reference..... : Force-H3-102.4/102.4-US, Force-H3-102.4/204.8-US, Force-H3-
102.4/307.2-US, Force-H3-102.4/409.6-US, Force-H3-102.4/512-US,
Force-H3-102.4/614.4-US, Force-H3-102.4/716.8-US and Force-H3-
102.4/819.2-US

Ratings..... : Force-H3-102.4/102.4-US: 102.4V, 48.5Ah, 4.96kWh,
Force-H3-102.4/204.8-US: 204.8V, 48.5Ah, 9.93kWh,
Force-H3-102.4/307.2-US: 307.2V, 48.5Ah, 14.90kWh,
Force-H3-102.4/409.6-US: 409.6V, 48.5Ah, 19.86kWh,
Force-H3-102.4/512-US: 512V, 48.5Ah, 24.83kWh,
Force-H3-102.4/614.4-US: 614.4V, 48.5Ah, 29.80kWh,
Force-H3-102.4/716.8-US: 716.8V, 48.5Ah, 34.76kWh,
Force-H3-102.4/819.2-US: 819.2V, 48.5Ah, 39.73kWh

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