


Test item description	Rechargeable Lithium Ion Module (Energy Storage Module)	
Trade Mark	 HUAWEI	
Manufacturer	Same as the applicant	
Model/Type reference	ESM51320AS1	
Ratings	51.2Vd.c., 320Ah	
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
Testing Laboratory	TÜV SÜD New Energy Testing (Guangdong) Co., Ltd.	
Testing location/ address	North-1/F, 2/F & Unit 301-3/F, TÜV SÜD Testing Center, D1, No. 63 Chuangqi Road, Shilou Town, Panyu District, Guangzhou 511447, China	
Tested by (name, function, signature)	5.1.2e (Project Handler)	5.1.2e
Approved by (name, function, signature)	5.1.2e (Designated Reviewer)	5.1.2e
Summary of testing:		
Summary of module level testing:		
Module model number	ESM51320AS1	
Nominal voltage and rated capacity	51.2Vd.c., 320Ah	
Number of cells in module and module configuration	16S	
Whether UL 1973 compliant	No	
Module voltage corresponding to the tested SOC	55.10V	
Method used to initiate thermal runaway	Heating the cell with externally applied flexible film heaters that cover two wider side surfaces of the cell	
Thermal runaway of other cells within module:	Yes (cell 3 and cell 11, see Attachment 1)	
Heat release rate versus time data	see Attachment 7 and Attachment 9	
Peak smoke release rate and total smoke release data	see Attachment 8 and Attachment 9	
Flammable gas generation and composition data	see Table 2 and Attachment 6	
Observation(s) of flying debris:	No	
Observation(s) of explosive discharge of gas:	No	
Observation(s) of sparks, electrical arcs or other electrical events:	No	
Locations and visual estimations of flame	No	
Re-ignitions	N/A (no fire during test)	
Performance - module level test:		
a) Thermal runaway is contained by module design; and	Yes	
b) Cell vent gas is nonflammable as determined by the cell level test.	No	

Legenda toegepaste uitzonderingsgrondslagen

In dit document zijn gegevens definitief geanonimiseerd op grond van:

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