



RZUN012025-1747-2




中国认可  
检验  
INSPECTION  
CNAS IB0011

# Classification and Identification Report for Transport

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No.: RZUN012025-1747-2

 By Road	Dangerous Goods Class 9 (SP389)
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**Sample Name..... :** **1MW/2.17MWh Integrated Liquid-cooled Energy Storage Container**

ECO-E20FT2170LP-2 768V 2826Ah 2170kWh

**Commissioner ..... :** **SHANGHAI ELECNOVA ENERGY STORAGE CO., LTD.**

**CVC Testing Technology Co., Ltd.**

# Classification and Identification Report for Transport

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Sample information	
Sample name..... :	1MW/2.17MWh Integrated Liquid-cooled Energy Storage Container
Battery Category..... :	Lithium-ion batteries
Battery Type..... :	ECO-E20FT2170LP-2 768V 2826Ah 2170kWh
Appearance .....	White
Commissioner information	
Commissioned by .....	SHANGHAI ELECNOVA ENERGY STORAGE CO., LTD.
Manufacturer information	
Manufacturer .....	SHANGHAI ELECNOVA ENERGY STORAGE CO., LTD.
Package information	
Overall dimensions .....	6058mm * 2438mm * 2591mm
Container Certificate No..... :	SHI2586637
Owner's serial No..... :	HPCU 291438~39
Date	
Inspection date .....	2025-07-28 ~ 2025-09-08
Period of validity .....	2025-12-31
Inspection refer to .....	
Agreement concerning the International Carriage of Dangerous Goods by Road (ADR 2025)	
Conclusions	
<p><b>1. Proper Shipping name:</b></p> <ul style="list-style-type: none"> <li>— lithium batteries installed in cargo transport unit</li> </ul> <p><b>2. Hazards identification :</b></p> <ul style="list-style-type: none"> <li>— Class 9 UN3536</li> </ul> <p><b>3. The goods complies with the Special Provisions SP389 of ADR 2025.</b></p>	
Issue Date: 2025-09-17	(Seal of CVC)

Approved by: Zhang Siyao

*Zhang Siyao*

Reviewed by: Liu Zhen

*Liu Zhen*

Inspected by: Lin Qingyuan

*Lin Qingyuan*



Inspection results and other information	
1	The Lithium cells/batteries listed in the report are of type proven to meet the requirements of each test in the UN Manual of Tests and Criteria Part III subsection 38.3. The UN38.3 test report and test summary numbers are <u>RZUN012025-1747 / RZUN012025-1747-TS</u> .
2	Lithium cells and batteries listed in this report were manufactured under the quality management program as described in 2.2.9.1.7.1(e) of ADR 2025.
3	The batteries securely attached to the interior structure of the cargo transport unit (e.g. by means of placement in racks, cabinets, etc.) in such a manner as to prevent the impact, loading and unloading and vibration in the process of transportation and lead to battery short circuit, accidental start, obvious displacement.
4	Dangerous goods necessary for the safe and proper operation of the cargo transport unit (e.g. fire-extinguishing systems and air-conditioning systems), shall be properly secured to or installed in the cargo transport unit.
5	Dangerous goods not necessary for the safe and proper operation of the cargo transport unit shall not be transported within the cargo transport unit.
<b>Remarks:</b> Throughout this report a comma is used as the decimal separator.	



Photos of Samples

1MW/2.17MWh Integrated Liquid-cooled Energy Storage Container (ECO-E20FT2170LP-2 768V 2826Ah 2170kWh)



**Elecnova**  
Energy Storage System

Product Model	ECO-E20FT2170LP-2
Grid Input/Output Port	
Nominal AC Voltage	3/N/PE AC 230/400V
Nominal AC Frequency	50/60Hz
Max. AC Current	1520A
Max. AC Power	1000kW
Integrated Battery System Parameters	
Nominal Voltage	DC 768V
Voltage Range	DC 672V ..... 864V
Rated Capacity	2826Ah
Rated Energy	2170, 368kWh
Auxiliary Power Supply	
Nominal Input Voltage	3/N/PE AC 230/400V
Nominal Frequency	50/60Hz
Max. Nominal Input Current	AC 50A Max
General Parameters	
Ingress Protection	IP54
Protective Class	I
Operation Ambient Temperature	-25°C ..... 55°C

Shanghai Elecnova Energy Storage Co., Ltd.

Photos of Samples

1MW/2.17MWh Integrated Liquid-cooled Energy Storage Container (ECO-E20FT2170LP-2 768V 2826Ah 2170kWh)



有限公司  
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## Important Notice

1. This report is valid for the tested samples only.
2. The goods applied for shipment must be in conformity with the tested samples.
3. This report is invalid without the seal of CVC.
4. This report is invalid without the signatures of Ratifier, Reviewer and Inspector.
5. This report is invalid if altered.
6. The original softcopy or hardcopy of this report is the only valid version. Any form of unauthorized copies of the report are invalid, including but not limited to, copy, fax and scan etc.
7. This appraisal report can be verified by scanning the QR code on the cover or visiting the website <http://www.cvc.org.cn>.

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