Certificate of Compliance

Certificate:	80257866	**Master Contract:**	302773
Project:	80257866	**Date Issued:**	2025-11-21
Issued to:	**Lunar Energy, Inc** **755 Ravendale Drive** **Mountain View, California** **94043** **United States** **Attention:** Harshad Joshi	**Issued by:**	*Elly Ai* Elly Ai

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

ANSI/CAN/UL 1973:2022,
Third Edition

PRODUCTS

Class 3701 12 BATTERIES - Battery System for use in Stationary Applications
Class 3701 82 BATTERIES - Battery System for use in Stationary Applications - Certified to US Standards

Lithium Ion Rechargeable battery module for use in stationary application, Models LE-DC-UNIT. The Battery Module has a voltage of 190-225V (DC+ and DC-) input/output on the main connector from the trunk harness to the DCDC PCBA. On the other side of the PCBA (BAT+ and BAT-) there is a low-voltage 16S1P battery cells circuit with 51.2V nominal voltage and 100Ah capacity.

Model(s)
LE-DC-UNIT

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Electrical ratings:

Battery Module Model	Battery System Rating				Battery Cell Model	BMS Model
	Nominal Voltage, Vdc	Rated Capacity, kWh	Battery Pack configuration	Enclosure Type Rating		
LE-DC-UNIT	190-225	5	16S-1P	Type 3R	GSP50160119F	10-005752

Manufacturer's specified charging parameters for battery module:

Battery Module Model	Temperature Range, °C	Normal Charging Voltage, Vdc	Normal Charging Power, kW	Maximum Charging Voltage, Vdc	Maximum Charging Power, kW
LE-DC-UNIT	-20 to 50	225	2.5	225	2.5

Manufacturer's specified discharging parameters for battery module:

Battery Module Model	Temperature Range, °C	Normal End of Discharge Voltage, Vdc	Normal Discharging Power, kW	Lowest End of Discharging Voltage, Vdc	Maximum Discharging Power, kW
LE-DC-UNIT	-20 to 50	190	2.5	190	2.5

Other Rating:

Battery Module Model	Maximum short circuit current and duration rating
LE-DC-UNIT	1798A at 60µs

CONDITIONS OF ACCEPTABILITY

1. The battery module including its battery management system has been tested according to the functional-safety requirements of ANSI/CAN/UL-1973:2022, Third Edition. Solid state circuits and software controls relied upon as the primary safety protection, have been evaluated by CSA Group to meet requirement of this standard. Any change to the software and electronic controls of the BMS required additional evaluation by CSA Group.
2. The enclosure was evaluated only to establish Type rating of Type 3R with standard CSA C22.2 No. 94.2/UL 50E - Enclosures for Electrical Equipment, Environmental Considerations.
3. Further evaluation for Salt Fog shall be required for the battery system intended to be used in the end product where salt fog condition were applied.
4. Corrosion due to electrochemical action is to be determined for conductive parts in contact with terminals when subjecting to the installation of the end products.
5. Equipment Application Location: Stationary
6. Access Location: Operator Accessible.
7. The installation was not evaluated. The battery system shall be installed in accordance with NFPA 70 or CSA C22.1 (Canadian Electric Code) or other applicable installation code.
8. Overvoltage Category (OVC): III
9. Pollution Degree(PD): 3
10. Altitude for Operation: Up to 3000 m.

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APPLICABLE REQUIREMENTS

ANSI/CAN/UL 1973:2022 (Third Edition) - Batteries For Use In Stationary And Motive Auxiliary Power Applications

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Notes:

Products certified under Class(es) C370112, C370182 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

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Supplement to Certificate of Compliance

Certificate: 80257866 **Master Contract:** 302773

The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80257866	2025-11-21	Original Certification for Battery module for used in Energy Storage System, Model LE-DC-UNIT to ANSI/CAN/UL-1973:2022. (c CSA us mark)

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