



Certificate of Compliance

Certificate: 80279495

Master Contract: 304715

Project: 80266482

Date Issued: 2025-12-11

Issued To: Shenzhen UZ Energy Limited
Room 313, 3rd floor, Building
2, Meilin Dori Industrial
Zone, Beihuan Road,
Futian District
Shenzhen, Guangdong 523000
China
Attention: Yaqin Feng

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.



Issued by: Ky Huang
Ky Huang

PRODUCTS

CLASS - C3701 12 - BATT - Battery System for use in Stationary Applications

CLASS - C3701 82 - BATT - Battery System for use in Stationary Applications - Certified to US Standards

Secondary lithium-ion battery system for use in Stationary Electrical Energy Storage Application, Models PLPA-L1-10K2-U(N=1), PLPA-L1-20K4-U(N=2), PLPA-L1-30K7-U(N=3), PLPA-L1-40K9-U(N=4), PLPA-L1-51K2-U(N=5), PLPA-L1-61K4-U(N=6), PLPA-L1-71K6-U(N=7), PLPA-L1-81K9-U(N=8). All models are identical to each other except for the number of the battery packs in parallel as the 'N' in the model name indicated.

Electrical Ratings:

Battery System Model	Battery System Rating				BMS Model
	Nominal Voltage, Vdc	Rated Capacity, Ah/kWh	Battery Pack configuration	Enclosure IP Rating	
PLPA-L1-10K2-U(N=1)	51.2	200Ah / 10.24kWh	(2P-16S)1P	IP65	YZ201
PLPA-L1-20K4-U(N=2)		400Ah / 20.48kWh	(2P-16S)2P		



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PLPA-L1-30K7-U(N=3)		600Ah / 30.72kWh	(2P-16S)3P		
PLPA-L1-40K9-U(N=4)		800Ah / 40.96kWh	(2P-16S)4P		
PLPA-L1-51K2-U(N=5)		1000Ah / 51.2kWh	(2P-16S)5P		
PLPA-L1-61K4-U(N=6)		1200Ah / 61.44kWh	(2P-16S)6P		
PLPA-L1-71K6-U(N=7)		1400Ah / 71.68kWh	(2P-16S)7P		
PLPA-L1-81K9-U(N=8)		1600Ah / 81.92kWh	(2P-16S)8P		

Conditions of Acceptability:

1. The battery system 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 to the Standard for Safety: Automatic Electrical Controls - Part 1, CSA/UL 60730-1. Any change to the software and electronic controls of the BMS may require additional testing.
2. The enclosure was evaluated to establish an IP rating with the Standard for Degrees of Protection Provided by Enclosure (IP Code) IEC 60529.
3. Further evaluation for Resistance of Moisture and/or Salt Fog shall be required for the battery pack intended to be used in the end product where moisture and/or 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 other applicable installation code.
8. Overvoltage Category (OVC): II
9. Pollution Degree (PD): 2
10. Altitude for Operation: Up to 2000 m.
11. Additional overcurrent protection should be provided outside the battery module in the end product application.

APPLICABLE REQUIREMENTS

ANSI/CAN/UL 1973:2022, Third Edition (Dated February 25, 2022) - Batteries for Use in Stationary and Motive Auxiliary Power Applications