

Date: 20th June 2025

To:

Clean Energy Council
Liam Digby, Product Approvals Team
Level 7, 570 Bourke Street
Melbourne, VIC 3000
Australia

Subject: Official Inverter Compatibility Statement

Reference:

- **Product:** RENOZ Energy LV Stackable Battery System
- **Model Number:** LV-5KWH100AH
- **Applicant:** RENOZ Energy Pty Ltd
- **Application Number:** APP00209305

Dear CEC Product Approvals Team,

This document serves as the official statement of inverter compatibility for the RENOZ LV Stackable Battery System (Model: LV-5KWH100AH).

The battery's integrated Battery Management System (BMS) supports both CANBUS and RS485 communication hardware interfaces, allowing for broad compatibility with a wide range of inverters approved for use in Australia. An authorised battery installer is given passcode-protected access via the LV-5KWH100AH's LCD touchscreen interface to pair the battery with a number of compatible inverters described in this statement.

RENOZ Energy Pty Ltd is committed to ensuring seamless integration and providing clear guidance to installers. We will maintain an up-to-date compatibility list on our company website.

We confirm that this battery complies with CEC Best Practice Guide – Method 2 mandatory requirements and that the following inverter models have been bench-tested for full charge/discharge interoperability, BMS command set, and fault handling:

Additional models will be added after validation testing; the up-to-date list is available for download at <https://renoz.energy>

Sincerely,



Simon Chan
Chief Executive Officer
For and on behalf of RENOZ Energy Pty Ltd

Table 1: LV-5KWH100AH Compatible Inverter List

Brand	Model	Interface	Version	Inverter Port	CAN Bus (from BMS CAN to Inverter CAN connector)
Afore	AF2.5K-SL-1	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Afore	AF3.6K-SL-1	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Afore	AF6K-SL	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Aiswei	ASW3000H-S	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Aiswei	ASW3680H-S	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Aiswei	ASW4000H-S	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Aiswei	ASW5000H-S	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Aiswei	ASW3000H-S2	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Aiswei	ASW3680H-S2	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Aiswei	ASW4000H-S2	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Aiswei	ASW5000H-S2	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Aiswei	ASW6000H-S2	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Deye	SUN-5K-SG04LP1-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Deye	SUN-6K-SG04LP1-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Deye	SUN-8K-SG05LP1-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Deye	SUN-10K-SG02LP1-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Deye	SUN-12K-SG02LP1-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Deye	SUN-5K-SG04LP3-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Deye	SUN-6K-SG04LP3-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Deye	SUN-8K-SG04LP3-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Deye	SUN-10K-SG04LP3-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Deye	SUN-12K-SG04LP3-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Goodwe	GW3648C-ES	CAN	V1.7	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Goodwe	GW5048C-ES	CAN	V1.7	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection

Growatt	SPF 3500ES	CAN	V1.08	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Growatt	SPF 5000ES	CAN	V1.08	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Growatt	SPF 6000ES	CAN	V1.08	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Luxpower	LXP-3KHybrid-NS	CAN	V1.0	CAN-H (4), CAN-L(3)	4=>4: CANH / 5=>3: CANL - Special cable required
Luxpower	LXP-4KHybrid-NS	CAN	V1.0	CAN-H (4), CAN-L(3)	4=>4: CANH / 5=>3: CANL - Special cable required
Luxpower	LXP-4.6KHybrid-NS	CAN	V1.0	CAN-H (4), CAN-L(3)	4=>4: CANH / 5=>3: CANL - Special cable required
Luxpower	LXP-5KHybrid-NS	CAN	V1.0	CAN-H (4), CAN-L(3)	4=>4: CANH / 5=>3: CANL - Special cable required
Noark	Ex9N-DH-5KS-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-5KT-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-6KS-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-6KT-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-7.6KS-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-8KS-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-8KT-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-10KT-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-12KS-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-12KT-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-14KS-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Noark	Ex9N-DH-16KS-AU	CAN	V1.0	CAN-H (4), CAN-L (5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Selectronic	SPMC480-AU	CAN	V1.0	CAN-H (1), CAN-L (2)	4=>1: CANH / 5=>2: CANL - Special cable required
Selectronic	SPMC481-AU	CAN	V1.0	CAN-H (1), CAN-L (2)	4=>1: CANH / 5=>2: CANL - Special cable required
Selectronic	SPMC482-AU	CAN	V1.0	CAN-H (1), CAN-L (2)	4=>1: CANH / 5=>2: CANL - Special cable required
Sofar Solar	HYD 3000-ES	CAN	V1.0	CAN-H (1), CAN-L (2)	4=>1: CANH / 5=>2: CANL - Special cable required
Sofar Solar	HYD 3600-ES	CAN	V1.0	CAN-H (1), CAN-L (2)	4=>1: CANH / 5=>2: CANL - Special cable required
Sofar Solar	HYD 4000-ES	CAN	V1.0	CAN-H (1), CAN-L (2)	4=>1: CANH / 5=>2: CANL - Special cable required
Sofar Solar	HYD 5000-ES	CAN	V1.0	CAN-H (1), CAN-L (2)	4=>1: CANH / 5=>2: CANL - Special cable required
Sofar Solar	HYD 6000-ES	CAN	V1.0	CAN-H (1), CAN-L (2)	4=>1: CANH / 5=>2: CANL - Special cable required

Solis	RHI-3K-48ES-5G	CAN	V1.0	CAN-H (4), CAN-L(5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Solis	RHI-3.6K-48ES-5G	CAN	V1.0	CAN-H (4), CAN-L(5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Solis	RHI-4.6K-48ES-5G	CAN	V1.0	CAN-H (4), CAN-L(5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Solis	RHI-5K-48ES-5G	CAN	V1.0	CAN-H (4), CAN-L(5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Solis	RHI-6K-48ES-5G	CAN	V1.0	CAN-H (4), CAN-L(5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Sunsynk	SUNSYNK-5K-SG04LP1	CAN	V1.2	CAN-H (4), CAN-L(5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Sunsynk	SUNSYNK-8K-SG04LP1	CAN	V1.2	CAN-H (4), CAN-L(5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Sunsynk	SUNSYNK-8K-SG04LP3	CAN	V1.2	CAN-H (4), CAN-L(5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Sunsynk	SUNSYNK-10K-SG04LP3	CAN	V1.2	CAN-H (4), CAN-L(5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Sunsynk	SUNSYNK-12K-SG04LP3	CAN	V1.2	CAN-H (4), CAN-L(5)	4=>4: CANH / 5=>5: CANL - Straight through connection
Victron	MultiPlus-II 48/3000-35	CAN	V1.0	CAN-H (7), CAN-L (8)	4=>7: CANH / 5=>8: CANL - Special cable required
Victron	MultiPlus-II 48/5000-70	CAN	V1.0	CAN-H (7), CAN-L (8)	4=>7: CANH / 5=>8: CANL - Special cable required