

Applicant Guide: Battery information on Portal Application forms



Part of Energy Queensland

The purpose of this document is to act as a guide for applicants to provide battery information on Low Voltage (LV) Embedded Generation Portal Connect Application forms.

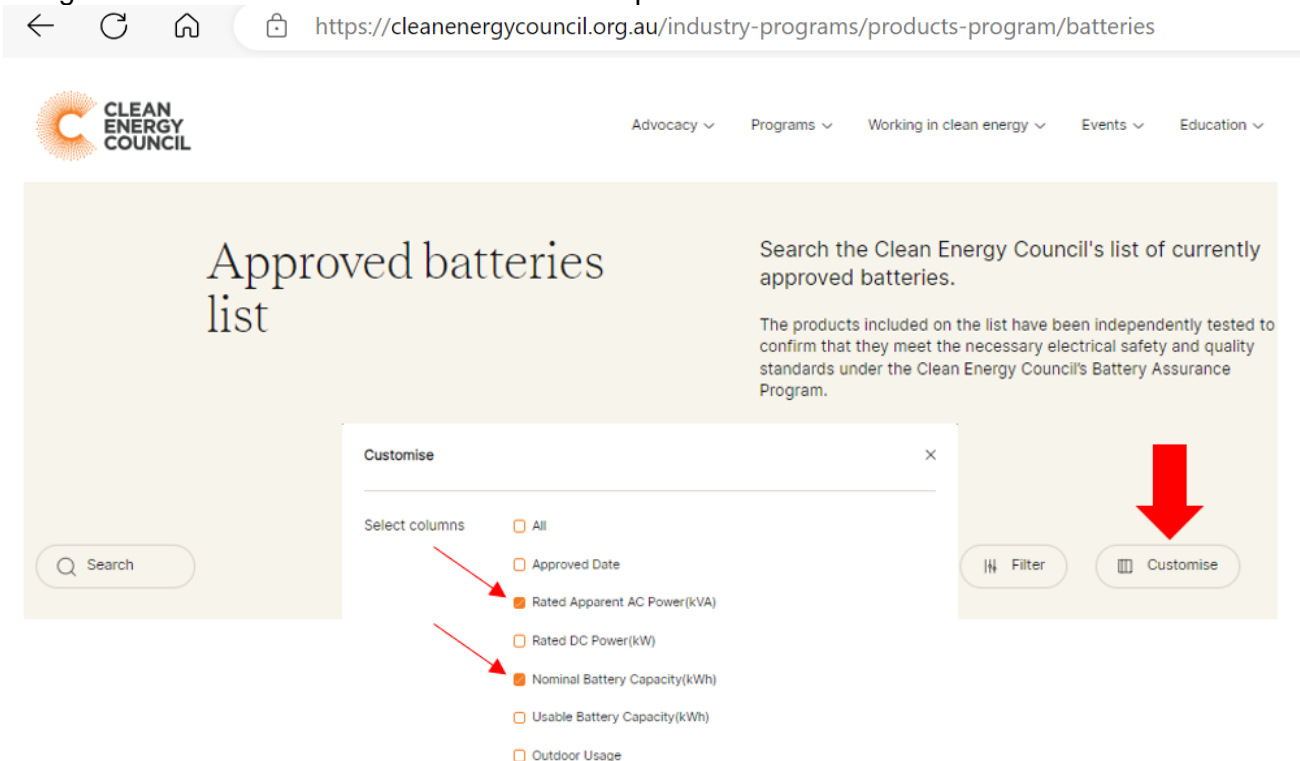
It is a requirement that battery details within the application form exactly match the publication on the [Clean Energy Council \(CEC\) Approved Batteries List](#).

Applications submitted with all the required information will be processed promptly.
Where a Battery System (BS) is not published on the CEC Approved Batteries List include the system brochure or user manuals as an attachment within the application.

Customising your view on the CEC website

To display the required information, you will need to customise the view on the CEC website.

The image below demonstrates how to select the required columns:



We recommend that you copy the details directly from the CEC website and paste directly into the application form.

Applicant Guide: Battery information on Portal Application forms



Part of Energy Queensland

Applying for a Battery Energy Storage Systems (BESS) – AC coupled

The CEC listing will display **BESS** in the *Equipment Category* and a 'kVA value' in *Rated Apparent AC Power (kVA)* columns. The below example demonstrates the requirements:

1. Search the *Model* in the 'Inverter' search panel and click on Add Inverter

Equipment

Search for an AS/NZ 4777.2 compliant inverter
There may be more matching items than can be shown. Keep typing if you can't see your model in the list yet

Search Text (Inverter) ? Add Inverter

2. On the Inverter entry, click on Add Device

Equipment Type: Inverter Commissioning Date:

Status: Active Manufacturer: Tesla Inc

Series: Powerwall Model: AC Powerwall (AS4777-2 2020) Series Other: No

Maximum Rating (kVA): 5 Quantity: Number of Phases: 1

Add Device(s)

3. In the device form, copy the information from [Clean Energy Council \(CEC\) Approved Batteries List](#) and paste into the required fields. **All fields are mandatory.**

Model Number	Manufacturer	Equipment Category	Rated Apparent AC Power(kVA)	Nominal Battery Capacity(kWh)
AC Powerwall (AS4777-2 2020)	Tesla Inc	Pre-assembled Integrated Battery Energy Storage System (BESS)	5	14

Slide to view all columns

Copy from CEC

Paste to application

Batteries

Manufacturer: Model:

Number of Batteries: Storage Capacity (Nominal kWh):

Output Capacity (kVA):

Battery Type:

Add Battery

Note: Please confirm your Battery Details by clicking "Add Battery" before adding any additional devices.

Applicant Guide: Battery information on Portal Application forms



Part of Energy Queensland


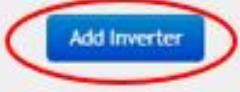
Applying for a Battery Systems (BS) – DC coupled

The CEC listing will display **BS** in the *Equipment Category* and **'0'** in the *Rated Apparent AC Power (kVA)* columns. The below example demonstrates the requirements:


1. Search the *Model* in the 'Inverter' search panel and click on [Add Inverter](#)

Equipment

Search for an AS/NZ 4777.2 compliant Inverter
There may be more matching items than can be shown. Keep typing if you can't see your model in the list yet

Search Text (Inverter)  


2. On the Inverter entry, click on [Add Device](#)

Equipment Type: Inverter Commissioning Date: 

Status: **Active** Manufacturer: Sungrow Power Supply Co Ltd



Series: RT Model: SH5.0RT (AS4777-2 2020) Series Other: No


Maximum Rating (kVA): 5 Quantity: Number of Phases: 3



1. In the device form, copy the information from [Clean Energy Council \(CEC\) Approved Batteries List](#) and paste into the required fields. ***All fields are mandatory.***

Model Number	Manufacturer	Equipment Category	Rated Apparent AC Power(kVA)	Nominal Battery Capacity(kWh)
SBR064	Sungrow Power Supply Co Ltd	Pre-assembled Battery System (BS)	0	6.4

Slide to view all columns   Copy from CEC


 Batteries Paste to application

Manufacturer: Model:

Number of Batteries: Storage Capacity (Nominal kWh):

Output Capacity (kVA):

Battery Type:



Note: Please confirm your Battery Details by clicking "Add Battery" before adding any additional devices.

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Troubleshooting

Error Message

- **Battery Output Capacity can't be greater than Battery Storage Capacity.**

If you receive the error message “Battery Output Capacity can't be greater than Battery Storage Capacity.”, please amend the Output Capacity (kVA) to match the Storage Capacity (Nominal kWh).

Service Selection > Add Storage Batteries – DC Coupled Only

This selection is for DC Coupled Battery Storage Devices Only.

Where an Energy Storage System (ESS) includes an inbuilt inverter (AC Coupled), please submit your application as an increase or replacement of any current system. See above: *Applying for a Battery Energy Storage Systems (BESS) – AC coupled*

Inverter Compatibility

Where an application is made with non-compatible equipment, we may cancel your submission and request you to submit your application correctly. Refer to the manufacturer to confirm or obtain the inverter compatibility statement.

Modular Battery Systems

For enquiries regarding modular products or CEC publications, contact the manufacturer or visit [Inverters at Clean Energy Council](#). View industry alerts <https://www.energex.com.au/contractors/electrical-partners-alert/2025/modular-battery-systems> & <https://www.ergon.com.au/network/contractors/electrical-partners-alert/2025/modular-battery-systems>.

If you require further assistance, please reach out to our team at energexgeneration@energyq.com.au or ergongeneration@energyq.com.au