

Applicant Guide: Battery information on Portal Application forms



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

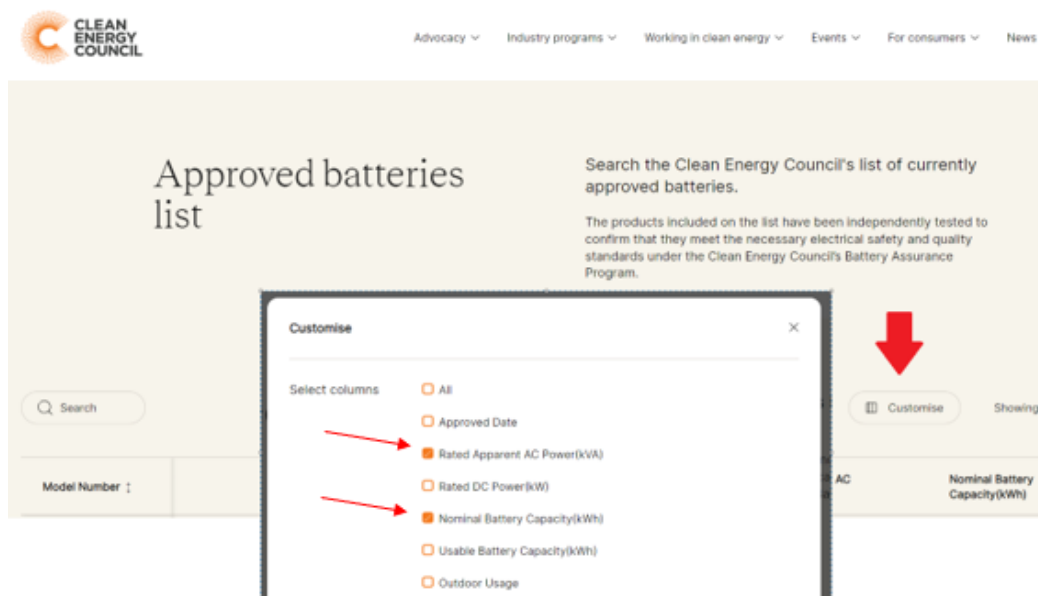
It is a requirement that battery details within the application form match the publication on the [Clean Energy Council \(CEC\) Approved Batteries List](#)

Applications submitted with incorrect or missing information will be cancelled. Where a Battery System (BS) is not published on the CEC Approved Batteries List please include the system brochure or user manuals.

Did you know that you need to customise your view on the CEC website?

For the required information to be displayed in the table you will need to customise the view.

The image demonstrates how to select the specific columns.



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.

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

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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

1

Equipment Type: Inverter
Status: Active
Series: Powerwall
Maximum Rating (kVA): 5

Commissioning Date:
Manufacturer: Tesla Inc
Model: AC Powerwall (AS4777-2 2020)
Quantity: 1

Series Other: No
Number of Phases: 1

3. In the device form, populate information into every field. All fields are mandatory.
 - o Manufacturer
 - o Model
 - o Quantity
 - o Storage Capacity (Nominal kWh)
 - o Device Output (kVA)

Add Device(s)

Batteries

Manufacturer: Tesla
Model: AC Powerwall (AS4777-2020)
Number of Batteries: 1
Storage Capacity (Nominal kWh): 14
Output Capacity (kVA): 5
Battery Type: Lithium-ion

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

NB: The **Storage Capacity (Nominal kWh)** is detailed as **Nominal Battery Capacity (kWh)** on the CEC website.
NB: The **Device Output (kVA)** is detailed as **Rated Apparent AC Power (kVA)** on the CEC website.

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Apply 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.

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

1. On the relevant *Inverter* entry, click on Add Device

Equipment Type: Inverter
Commissioning Date:
Status: Active
Series: RT
Maximum Rating (kVA): 5
Manufacturer: Sungrow Power Supply Co Ltd
Model: SH5.ORT (A54777-2 2020)
Series Other: No
Quantity: 1
Number of Phases: 3
Add Device(s)

2. In the device form, populate information into every field. **All fields are mandatory.**
 - Manufacturer
 - Model
 - Quantity
 - Storage Capacity (Nominal kWh)
 - Device Output (kVA)

Add Device(s)

Batteries

Manufacturer: Sungrow Power Supply Co Ltd
Model: SBR064
Number of Batteries: 1
Storage Capacity (Nominal kWh): 6.4
Output Capacity (kVA): 0
Battery Type: Lithium-ion
Add Battery

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

NB: The **Storage Capacity (Nominal kWh)** is detailed as **Nominal Battery Capacity (kWh)** on the CEC website.
NB: The **Device Output (kVA)** is detailed as **Rated Apparent AC Power (kVA)** on the CEC website.

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