# Required fields for solar battery bulk upload

| SGU solar battery (deemed) | Field name | Data type | Mandatory | Validation rules | Business rules | Reference data | Description |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1-A | Type of system | Text | Yes | S.G.U. - solar battery (deemed) |  |  |  |
| 2-B | Installation date | Date | Yes | dd/mm/yyyy |  |  |  |
| 3-C | Was a solar battery retailer involved in the procurement and installation of the system? | Select list | Yes | Y/Yes or N/No |  |  |  |
| 4-D | Retailer name | Text | Yes\* |  | \*Mandatory if the answer is ‘Yes’ to ‘Was a solar battery retailer involved in the procurement and installation of the system?’ |  |  |
| 5-E | Retailer ABN | Text | Yes\* | Must only contain digits  [0-9]  Must be blank if value of ‘Retailer name’ column is ‘owner’.  ABN is validated against the Retailer Entity name (as listed on the ABR website - ABN Lookup (business.gov.au) and checks that the ABN is Active at the time of the installation. Business or trading names are not valid. | \*Mandatory if the answer is ‘Yes’ to ‘Was a solar battery retailer involved in the procurement and installation of the system?’ |  |  |
| 6-F | Retailer representative | Text | Yes\* |  | \*Mandatory if the answer is ‘Yes’ to ‘Was a solar battery retailer involved in the procurement and installation of the system?’ |  |  |
| 7-G | Retailer role | Text | Yes\* |  | \*Mandatory if the answer is ‘Yes’ to ‘Was a solar battery retailer involved in the procurement and installation of the system?’ |  |  |
| 8-H | National Metering Identifier (NMI) | Text | No | Must only contain 10 or 11 characters |  |  |  |
| 9-I | Is there an existing solar PV installation at this address? | Select list | Yes | Y/Yes or N/No |  |  |  |
| 10-J | Accreditation code (i.e. PVDxxxxxxx) of the related application (if known) | Text |  |  |  |  |  |
| 11-K | Is the solar battery system part of, or capable of being part of, a Virtual Power Plant (VPP)? | Select list | Yes | Y/Yes or N/No |  |  |  |
| 12-L | Is the system retrospectively connected to an existing solar PV system or commissioned at the same time as a new solar PV system? | Select list | Yes | Connected to existing PV or Installed with new solar installation |  |  |  |
| 13-M | Has the installer changed default manufacturer setting of the solar battery storage system? | Select list | Yes | Y/Yes or N/No |  |  |  |
| 14-N | Are you adding battery capacity to an existing battery stack? | Select list | Yes | Y/Yes or N/No |  |  |  |
| 15-O | Solar battery manufacturer | Select list | Yes |  | Specified solar battery manufacturer must be on the CEC approved products list at the time of installation. | CEC approved solar batteries |  |
| 16-P | Solar battery brand | Select list | Yes |  | Specified solar battery brand must be on the CEC approved products list at the time of installation. | CEC approved solar batteries |  |
| 17-Q | Solar battery series | Select list | Yes |  | Specified solar battery series must be on the CEC approved products list at the time of installation. | CEC approved solar batteries |  |
| 18-R | Solar battery model | Select list | Yes |  | Specified solar battery model must be on the CEC approved products list at the time of installation. | CEC approved solar batteries |  |
| 19-S | Number of solar batteries | Integer | Yes | Min 1 and Max 1000 | The number of solar batteries must match the number of solar battery serial numbers provided. |  |  |
| 20-T | Solar battery serial number(s) | Text | Yes | Multiple serial numbers – delimited by semicolons ';'. Each serial number can be up to 100 characters long.  Users can enter up to 1000 serial numbers. | All serial numbers provided must be unique. |  |  |
| 21-U | Location of solar battery | Select list | Yes | Indoor or Outdoor |  |  |  |
| 22-V | Are inverters being added as part of the solar battery system? | Select list | Yes | Y/Yes or N/No |  |  |  |
| 23-W | Inverter manufacturer | Select list | \*Yes, if inverters are added |  |  | CEC approved inverters |  |
| 24-X | Inverter series | Select list | \*Yes, if inverters are added |  |  | CEC approved inverters |  |
| 25-Y | Inverter model number | Select list | \*Yes, if inverters are added |  |  | CEC approved inverters |  |
| 26-Z | Number of inverters | Integer | \*Yes, if inverters are added | Min 1 and Max 1000 | The number of inverters must match the number of solar battery serial numbers provided. |  |  |
| 27-AA | Inverter serial number(s) | Text | \*Yes, if inverters are added | Multiple serial numbers – delimited by semicolons ';'. Each serial number can be up to 100 characters long.  Users can enter up to 1000 serial numbers. | All serial numbers provided must be unique. |  |  |
| 28-AB | What is the nominal power output (kWh) of your solar battery system? | Float | Yes | Between 5 and 100 |  |  |  |
| 29-AC | What is the usable power output (kWh) of your solar battery system? | Float | Yes | Between 0.001 and 100 |  |  |  |
| 30-AD | What is the nominal power output (kWh) of your existing solar battery system? | Float | Yes\* | Yes\*, if answered yes to ‘Are you adding battery capacity to an existing battery stack?’ |  |  |  |
| 31-AE | What is the usable power output (kWh) of your existing solar battery system? | Float | Yes\* | Yes\*, if answered yes to ‘Are you adding battery capacity to an existing battery stack?’ |  |  |  |
| 32-AF | Are you creating certificates for a solar battery system that has previously been failed by the Clean Energy Regulator? | Select list | Yes | Y/Yes or N/No |  |  |  |
| 33-AG | Failed accreditation code | Text | \*Yes |  | \*Mandatory if the answer is ‘Yes’ to ‘Are you creating certificates for a system that has previously been failed by the Clean Energy Regulator’.  The accreditation code provided must exist within the system. |  | Please enter the accreditation code for the previously failed registration. This must be a valid accreditation code e.g. BTY0000001. |
| 34-AH | Explanatory notes for re-creating certificates previously failed | Text |  |  |  |  |  |
| 35-AI | Type of connection to the electricity grid | Select list | Yes | Connected to an electricity grid or Stand-alone (not connected to an electricity grid). |  |  |  |
| 36-AJ | Reference | Text (255) | No |  |  |  | You can enter a word or number for your own reference purposes, e.g. to search for your small unit registrations. |
| 37-AK | Certificate tag | Text (255) | No |  |  |  | The certificate tag will be editable after it is created and can be used to search for certificates. |
| 38-AL | Designer accreditation statement | Text | Yes | Y/Yes or N/No |  |  |  |
| 39-AM | Installer accreditation statement | Text | Yes | Y/Yes or N/No |  |  |  |
| 40-AN | Design and installation of unit statement | Text | Yes | Y/Yes or N/No |  |  |  |
| 41-AO | Local, State and Territory government requirements | Text | Yes | Y/Yes or N/No |  |  |  |
| 42-AP | Electrical safety documentation | Text | Yes | Y/Yes or N/No |  |  |  |
| 43-AQ | Unit componentry statements | Text | Yes | Y/Yes or N/No |  |  |  |
| 44-AR | On-site attendance written statements | Text | Yes | Y/Yes or N/No |  |  |  |
| 45-AS | On-site attendance evidence statements | Text | Yes | Y/Yes or N/No |  |  |  |
| 46-AT | True, correct and complete statement | Text | Yes | Y/Yes or N/No |  |  |  |
| 47-AU | Retailer accreditation statement | Text | Yes | Y/Yes or N/No |  |  |  |
| 48-AV | Retailer unit performance statement | Text | Yes | Y/Yes or N/No |  |  |  |
| 49-AW | Retailer solar PV present statements | Text | Yes | Y/Yes or N/No |  |  |  |
| 50-AX | Retailer completion and connection statements | Text | Yes | Y/Yes or N/No |  |  |  |
| 51-AY | Retailer provision of unit information statements | Text | Yes | Y/Yes or N/No |  |  |  |
| 52-AZ | Retailer conflicts of interest | Text | Yes | Y/Yes or N/No |  |  |  |
| 53-BA | Retailer eligibility statement | Text | Yes | Y/Yes or N/No |  |  |  |
| 54-BB | Retailer true, correct and complete statement | Text | Yes | Y/Yes or N/No |  |  |  |
| 55-BC | Installation property type |  | Yes |  |  |  |  |
| 56-BD | Single or multi-story |  | Yes |  |  |  |  |
| 57-BE | Installation property name, boat name or chassis number |  |  |  |  |  |  |
| 58-BF | Installation unit type |  |  |  |  |  |  |
| 59-BG | Installation unit number |  |  |  |  |  |  |
| 60-BH | Installation street number |  | Yes |  |  |  |  |
| 61-BI | Installation street name |  | Yes |  |  |  |  |
| 62-BJ | Installation street type |  | Yes |  |  |  |  |
| 63-BK | Installation town/suburb |  | Yes |  |  |  |  |
| 64-BL | Installation state |  | Yes |  |  |  |  |
| 65-BM | Installation postcode |  | Yes |  |  |  |  |
| 66-BN | Installation latitude |  |  |  |  |  |  |
| 67-BO | Installation longitude |  |  |  |  |  |  |
| 68-BP | Additional system information | Text |  |  |  |  |  |
| 69-BQ | Owner type |  | Yes |  |  |  |  |
| 70-BR | Owner organisation name |  |  |  |  |  |  |
| 71-BS | Owner first name |  |  |  |  |  |  |
| 72-BT | Owner surname |  |  |  |  |  |  |
| 73-BU | Owner phone |  | Yes |  |  |  |  |
| 74-BV | Owner mobile |  |  |  |  |  |  |
| 75-BW | Owner email |  | Yes |  |  |  |  |
| 76-BX | Owner address type |  | Yes |  |  |  |  |
| 77-BY | Owner postal delivery type |  |  |  |  |  |  |
| 78-BZ | Owner postal delivery number |  |  |  |  |  |  |
| 79-CA | Owner unit type |  |  |  |  |  |  |
| 80-CB | Owner unit number |  |  |  |  |  |  |
| 81-CC | Owner street number |  |  |  |  |  |  |
| 82-CD | Owner street name |  |  |  |  |  |  |
| 83-CE | Owner street type |  |  |  |  |  |  |
| 84-CF | Owner town/suburb |  |  |  |  |  |  |
| 85-CG | Owner state |  |  |  |  |  |  |
| 86-CH | Owner postcode |  |  |  |  |  |  |
| 87-CI | Owner country |  |  |  |  |  |  |
| 88-CJ | Installer first name | Text | Yes |  |  |  |  |
| 89-CK | Installer surname | Text | Yes |  |  |  |  |
| 90-CL | Solar battery installer accreditation number | Text | Yes |  | The installer accreditation number must be a battery accredited number and the system must be installed within the period of accreditation.  The installer number must be for an accredited CEC installer with the appropriate grid connection qualification.  i.e. if answered ‘Stand-alone (not connected to electricity grid)’ to ‘Type of connection to the electricity grid’, the installer must have off-grid accreditation. |  | The number entered must exactly match the number in the accredited installer list and match the name of the installer that was entered. |
| 91-CM | Installer phone |  | Yes |  |  |  |  |
| 92-CN | Installer mobile |  |  |  |  |  |  |
| 93-CO | Installer email |  |  |  |  |  |  |
| 94-CP | Installer address type |  | Yes |  |  |  |  |
| 95-CQ | Installer postal delivery type |  |  |  |  |  |  |
| 96-CR | Installer postal delivery number |  |  |  |  |  |  |
| 97-CS | Installer unit type |  |  |  |  |  |  |
| 98-CT | Installer unit number |  |  |  |  |  |  |
| 99-CU | Installer street number |  |  |  |  |  |  |
| 100-CV | Installer street name |  |  |  |  |  |  |
| 101-CW | Installer street type |  |  |  |  |  |  |
| 102-CX | Installer town/suburb |  |  |  |  |  |  |
| 103-CY | Installer state |  |  |  |  |  |  |
| 104-CZ | Installer postcode |  |  |  |  |  |  |
| 105-DA | Electrician first name | Text | Yes |  |  |  |  |
| 106-DB | Electrician surname | Text | Yes |  |  |  |  |
| 107-DC | Licensed electrician number | Text | Yes |  |  |  |  |
| 108-DD | Electrician phone |  |  |  |  |  |  |
| 109-DE | Electrician mobile |  |  |  |  |  |  |
| 110-DF | Electrician email |  |  |  |  |  |  |
| 111-DG | Electrician address type |  |  |  |  |  |  |
| 112-DH | Electrician postal delivery type |  |  |  |  |  |  |
| 113-DI | Electrician postal delivery number |  |  |  |  |  |  |
| 114-DJ | Electrician unit type |  |  |  |  |  |  |
| 115-DK | Electrician unit number |  |  |  |  |  |  |
| 116-DL | Electrician street number |  |  |  |  |  |  |
| 117-DM | Electrician street name |  |  |  |  |  |  |
| 118-DN | Electrician street type |  |  |  |  |  |  |
| 119-DO | Electrician town/suburb |  |  |  |  |  |  |
| 120-DP | Electrician state |  |  |  |  |  |  |
| 121-DQ | Electrician postcode |  |  |  |  |  |  |
| 122-DR | Designer first name | Text | Yes |  |  |  |  |
| 123-DS | Designer surname | Text | Yes |  |  |  |  |
| 124-DT | Solar battery designer accreditation number | Text | Yes |  | The designer accreditation number must be a battery accredited number and the system must be installed within the period of accreditation.  The installer number must be for an accredited CEC installer with the appropriate grid connection qualification.  i.e. if answered ‘Stand-alone (not connected to electricity grid)’ to ‘Type of connection to the electricity grid’, the installer must have off-grid accreditation. |  | The number entered must exactly match the number in the accredited installer list and match the name of the installer that was entered. |
| 125-DU | Designer phone | Text | Yes |  |  |  |  |
| 126-DV | Designer mobile |  |  |  |  |  |  |
| 127-DW | Designer email |  |  |  |  |  |  |
| 128-DX | Designer address type |  |  |  |  |  |  |
| 129-DY | Designer postal delivery type |  |  |  |  |  |  |
| 130-DZ | Designer postal delivery number |  |  |  |  |  |  |
| 131-EA | Designer unit type |  |  |  |  |  |  |
| 132-EB | Designer unit number |  |  |  |  |  |  |
| 133-EC | Designer street number |  |  |  |  |  |  |
| 134-ED | Designer street name |  |  |  |  |  |  |
| 135-EE | Designer street type |  |  |  |  |  |  |
| 136-EF | Designer town/suburb |  |  |  |  |  |  |
| 137-EG | Designer state |  |  |  |  |  |  |
| 138-EH | Designer postcode |  |  |  |  |  |  |
| 139-EI | Signed data package | File | No | Check that associated zip file of signed data packages contains one and only one file with a name that matches the corresponding application. |  |  | ‘Signed date package’ is only relevant to participants in the Solar Panel Validation initiative.  Please disregard this row and leave it blank if the installation is not verified through a participating app.  If you participate in the Solar Panel Validation Initiative, please refer to reference data F for data that forms part of the signed data package. |
| 140-EJ | Documents zip file | File | No | File name must match the name of the .zip file being uploaded. | File size cannot exceed 10mb.  Documents cannot be altered or deleted once uploaded. |  | Used to upload documents at the time of creation.  This field must be inserted even if it is not used to proceed with STC creation. |