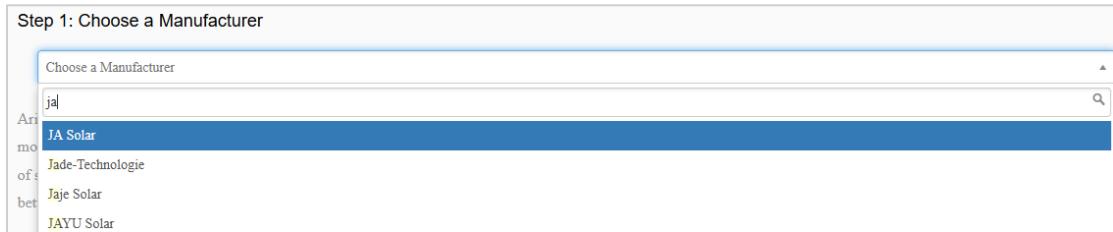


MANUAL GUIDE ON JA SOLAR SERIAL NUMBER VERIFICATION

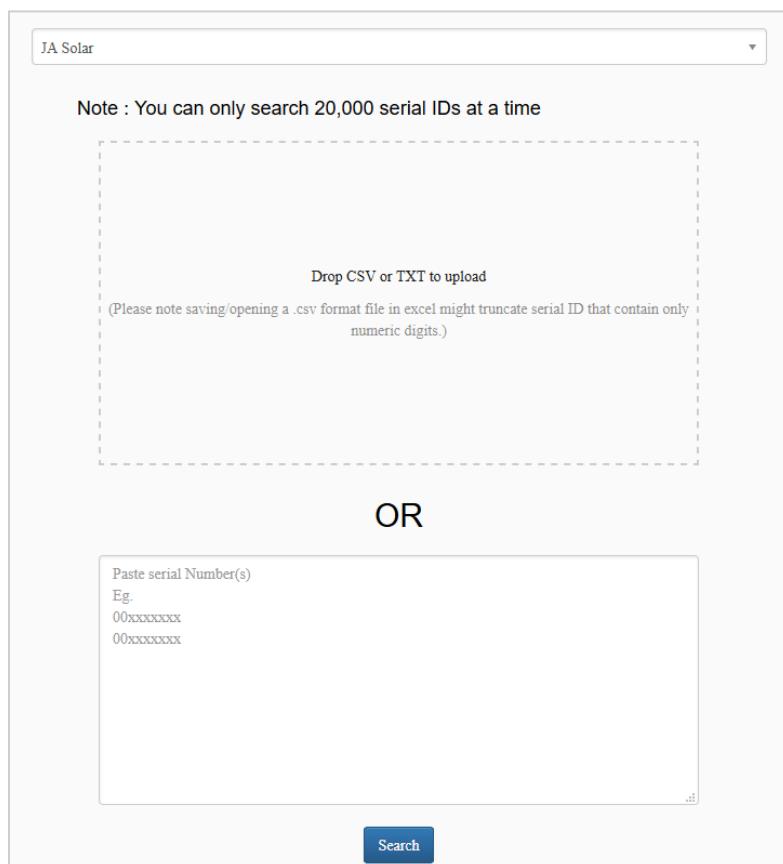
1. Access the following link <http://verification.arielre-cleanenergy.com>
2. Click on “Choose a Manufacturer”. Enter search query by typing ‘JA’ and select [JA Solar].

Step 1: Choose a Manufacturer



The screenshot shows a search interface with a dropdown menu titled "Choose a Manufacturer". A user has typed "ja" into the search bar, and the results list includes "JA Solar" which is highlighted with a blue background. Other options listed are "Jade-Technologie", "Jaje Solar", and "JAYU Solar".

3. After [JA Solar] has been selected, two search options will pop-up. Use either one of the search option to search for verified serial numbers. The two options are described in point 4. and 5.



The screenshot displays two search options side-by-side:

- Top Option:** A large dashed rectangular area with the placeholder text "Drop CSV or TXT to upload". Below it is a note: "(Please note saving/opening a .csv format file in excel might truncate serial ID that contain only numeric digits.)"
- Bottom Option:** A text input field with the placeholder "Paste serial Number(s)" followed by examples "Eg. 00xxxxxxxx 00xxxxxxxx". At the bottom of this section is a blue "Search" button.

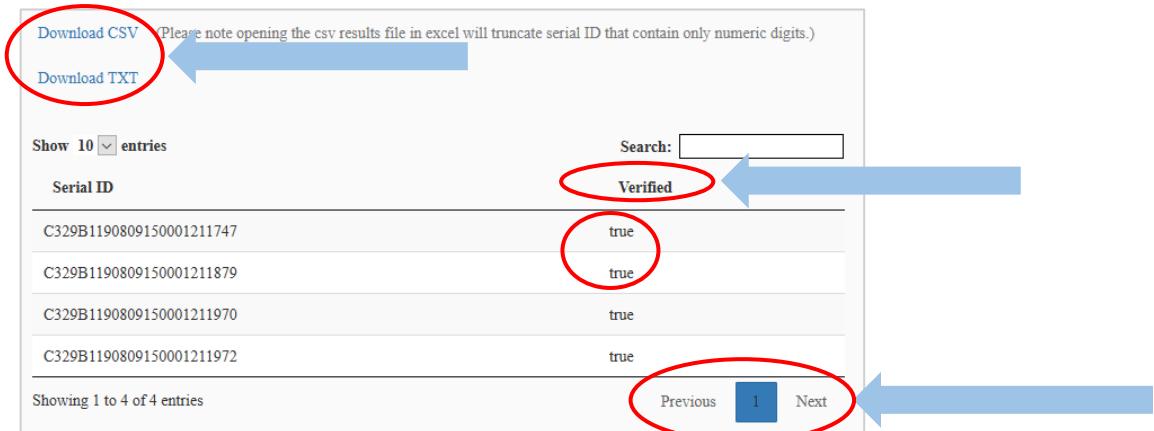
OR

4. Search by uploading a csv or text file

- 4.a. Prepare a file in .CSV format or .txt format containing not more than 20,000 serial numbers in the first column. If the file uploaded is a csv file, please enter a Header in the first row. If the file uploaded is a .txt file, it does not need to contain any header in the first row. A screenshot example is given below when opening the csv file in Excel or Notepad.

A
1 Header required if you upload in CSV format. For CSV format, enter IDs in row 2 onward.
2 A1234567890B123456789D21
3 A1234567890B123456789D22
4 A1234567890B123456789D23
5 A1234567890B123456789D24
6 A1234567890B123456789D25
7 A1234567890B123456789D26
8 A1234567890B123456789D27
9 A1234567890B123456789D28
10 A1234567890B123456789D29
11 A1234567890B123456789D30
12 A1234567890B123456789D31
13 A1234567890B123456789D32
14 A1234567890B123456789D33
15 A1234567890B123456789D34
16 A1234567890B123456789D35
17 A1234567890B123456789D36
18 A1234567890B123456789D37

- 4.b. Click on the dotted box with the title “Drop CSV or TXT to upload” and select the csv/txt file containing the serial numbers.
- 4.c. Upon successful upload, the results page as below will be displayed.
- 4.d. The results are in a table with the uploaded serial numbers and its verified status shown on the right. You may click on “Download CSV” or Download TXT” to view the verification status of the entire list of uploaded serial numbers. Or alternatively, you may scroll below to click on next page to view the verification status on the browser.



The screenshot shows a table with the following data:

Serial ID	Verified
C329B1190809150001211747	true
C329B1190809150001211879	true
C329B1190809150001211970	true
C329B1190809150001211972	true

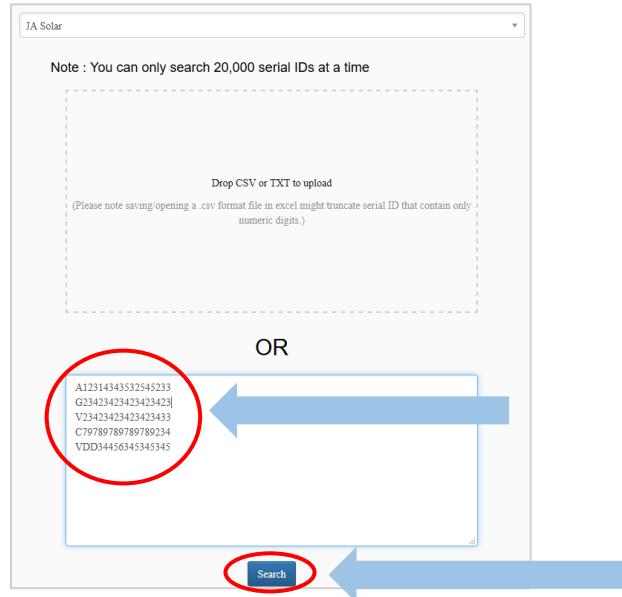
Below the table, there is a message: "Please note opening the csv results file in excel will truncate serial ID that contain only numeric digits.)".

At the bottom, there are navigation controls: "Previous", "1", and "Next".

- 4.e. Searched serial numbers which are verified in the database will show as ‘true’ under the ‘Verified’ header. Serial numbers which are not present in the database will have a search result shown as ‘false’.

5. Search by copy and paste

- 5.a. After selecting the [JA Solar] name, copy and paste a list of serial numbers in a column format onto the designated white box which states “Paste serial Number(s)”. And then click on ‘search’ button.



JA Solar

Note : You can only search 20,000 serial IDs at a time

Drop CSV or TXT to upload
(Please note saving/opening a .csv format file in excel might truncate serial ID that contain only numeric digits.)

OR

A123143435332545233
G234234234234234232
V23423423423423433
C797897897897892334
VD234456345345345

Search

- 5.b. If you wish to verify a longer list of serial numbers, you may use method (4.) as described above in batches of search entries not more than 20,000 serial numbers at one time.
- 5.c. Upon successful processing, similar results page described in section (4.) will be displayed.

If you encountered any problems, please get in touch with our underwriter for assistance.

As a reminder, the database is not updated on a real-time basis. The database may not reflects accurate and complete information as of the time of your search query.