INSTALLER INFORMATION SHEET

Claiming STCs with Solar Charge Controllers

What to Enter in the REC Registry When the System Uses a Regulator

CoolMax SRX · CoolMax SRX-R · Other Solar Regulators

Solar charge controllers (regulators) are no longer on the CEC approved inverters list, and they don't need to be. This sheet tells you what to enter when you claim STCs on a system that uses them, such as the CoolMax SRX.

REVISION	EFFECTIVE	AUDIENCE	SCHEME
2.0.0	11 / 2026	Designers, installers and STC agents	Small-scale Renewable Energy Scheme (SRES)

What to Enter in the Inverter Fields

If the system has **no inverter** (DC only), enter:

REC REGISTRY FIELD	ENTER
Inverter manufacturer	**Regulator**
Inverter series	**Regulator**
Inverter model number	**NI0001**

This entry is on the CER's approved inverters list (the list in use from 11 November 2026) and is valid until 31 December 2030.

If the system **has an inverter**, the inverter must be on the CEC approved inverters list. Enter the inverter. Don't enter the charge controllers.

SYSTEM	INVERTER FIELDS
DC only, no inverter: telecoms, pumping, SCADA and other DC loads	Regulator / Regulator / NI0001
Charge controllers with a CEC-listed battery inverter, such as a Selectronic SP PRO	The inverter
AC and DC coupled: a CEC-listed PV inverter on part of the array, charge controllers on the rest	The inverter(s)
An inverter that isn't on the CEC list	Not eligible for STCs

System Size

The rated power output is the total of the panel ratings in kW. It isn't the charge controller or inverter rating. Include the panels connected to the charge controllers.

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Everything Else Still Applies

NI0001 only takes care of the charge controllers. You still need:

- Panels on the CEC approved PV modules list, with every panel serial number in the claim.
- Any battery in the claim on the CEC approved batteries list.
- An SAA-accredited designer and installer. Off-grid systems need stand-alone accreditation.
- An installation to AS/NZS 3000, AS/NZS 5033, the AS/NZS 4509 series (stand-alone systems) and AS/NZS 5139 (batteries), as they apply.
- The right connection type in the REC Registry: *Stand-alone (not connected to an electricity grid)* for off-grid, or *Connected to an electricity grid with battery storage*.
- The designer and installer written statements, and the retailer statement if a retailer was involved.

Charge Controller Listings

The charge controllers still have to be installed to AS/NZS 5033 and their manuals. The CoolMax SRX 600/55-48 and 600/70-48 are certified to IEC 62109-1:2010 (Certificate of Suitability AZ 69026804).

The CoolMax SRX-R 600/60-48 is CEC listed as *other power conversion equipment* until 8 April 2028. AERL won't renew that listing. STC claims don't use that list, so it makes no difference to your claim.

Photograph the charge controller nameplates and serial numbers and keep the photos with the job. Your STC agent may ask for them.

Before You Claim

1. Check every panel is on the current CEC approved PV modules list.
2. Work out what goes in the inverter fields (table above).
3. Ask your STC agent what they want in the inverter serial number field, and which photos they need, for an NI0001 claim.
4. Enter the total panel rating as the rated power output.
5. Pick the connection type and complete the written statements.

> **NOTE**
> The CER sets the rules, and the CEC lists change. This sheet is current at 20 November 2026. Check cer.gov.au before you claim. AERL isn't an STC agent and can't create or check STC claims.

Revision History

REVISION	DATE	CHANGE
2.0.0	11 / 2026	Rewritten in plain English.
1.0.0	11 / 2026	First issue.

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