

Collection points and specialist retailers

Photovoltaic modules (PV modules)

collecting and transporting

- PV modules must not be thrown or dropped, or transported loosely in containers.
- PV modules must be kept protected from the weather. Weather protection refers to fixed constructions such as buildings, roofs and lid containers. The collected material must be protected from the weather at the end of the working day.
- PV modules can generate dangerous voltages when exposed to light, even when dismantled. Be aware of the risk of electric shock when handling and storing.
- The recycling company reserves the right to charge for additional work in the event of poor delivery quality.
- PV modules without hazardous substances and PV modules containing hazardous substances must be palletised separately.
- Crystalline silicon modules are generally always free of hazardous substances.
- Thin-film PV modules can contain hazardous substances. The following technologies are hazardous: CdTe, CIS, CIGS¹.
- The only way to find out whether PV modules contain hazardous substances is to check the label or system description. Without this information, even a specialist will be unable to know for certain whether PV modules contain hazardous substances. If you identify modules containing hazardous substances in the flow of goods or are unsure, separate these PV modules and inform your contact at SENS eRecycling immediately.

¹ CIS and CIGS thin-film modules: The semiconductor material in these modules is made of copper indium disulphide or copper indium gallium diselenide. CdTe thin-film modules: a compound of cadmium with telluride.



All PV modules from First Solar must be returned via First Solar.
SENS eRecycling does not take back any PV modules from First Solar.

Correct identification



Without packaging.
No rubbish.

Classification

PV modules are considered other controlled waste. Damage should be avoided.

Containers

Containers must be designed according to the weight and size.

The following can be used:

- EU pallets without a frame
- Disposable pallets

Load securing

- Height: Maximum 1.20 m.
- PV modules must be strapped to the pallet (two straps).
- The total weight of the loaded pallet must not exceed 1,000 kg.
- PV modules must be palletised flat.

Labelling of the goods

The corresponding legal requirements regarding transport apply.

Transport

- Loading and unloading is the responsibility of the sender or recipient.
- There must be personnel present to load or unload.
- From 500kg, loading aids (e.g. forklifts) must be provided by the sender.

Minimum collection quantity

1 pallet or together with the other SENS waste electrical and electronic equipment.

Contact

If you have any questions,
please contact
SENS eRecycling.

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Accepted containers



Non-compliant delivery quality

