

SUBJECT: Grounding Diagram and Hardware Supplement to “Quick Guide for Users SolarWorld Sunmodules” for the 2.0 frame.

DATE: January 25, 2012

Grounding of Module and Frame

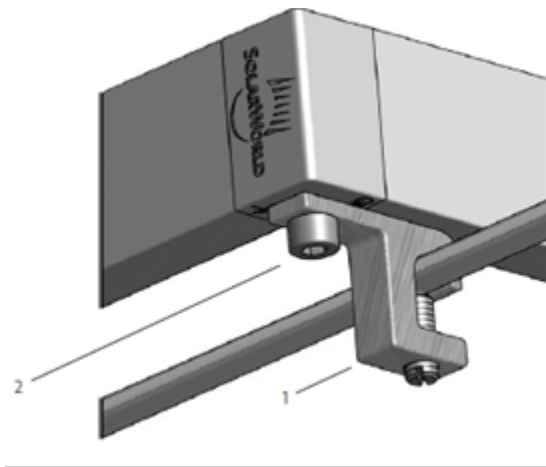
The company installing the PV module is also responsible for properly grounding. If the building is already equipped with an exterior lightning protection system, the PV-installation must be integrated in the protection system against direct effects of lightning. Country specific standards must be adhered to.

A grounding method tested to UL standards and listed by a third party is mandatory in the US and Canada.

Example Grounding Method in accordance with UL standards

The modules can be connected to the grounding holes using a lay-in lug and a socket head cap screw. SolarWorld recommends using the components as listed below. Any grounding method that is third party listed to UL standards for PV grounding method and components are also acceptable in the US and Canada.

Corner Grounding Option:



- 1) Lay-in Lug
- 2) Socket head cap screw

SolarWorld recommends using the components listed below.

Item	Description	Manufacturer	Manufacture Part Number
Grounding Lug	Lay-in Lug	IlSCO	GBL-4DBT
Socket Head Cap Screw	10-24, 5/8", SS 18-8		