

# SolarEdge Single Phase Inverter Improvements

Dear SolarEdge Customers,

SolarEdge is happy to announce significant enhancements and improvements to its line of single phase inverters. All the inverters are UL1699B certified, for arc fault detection and interruption compliance.

In addition, SolarEdge will begin shipping its single phase inverters with the SolarEdge AC/DC Safety Switch pre-assembled. The inverter will be supplied in a newly designed box, that when opened leaves the inverter vertical and ready for mounting. This change will simplify installation and shorten the time spent at the system site. It will also simplify inventory management by ensuring inverter and switch compatibility in a single part number.

Inverters that are UL1699B compliant and have a pre-installed AC/DC Safety Switch will be shipping from Dec. 1<sup>st</sup> 2013 and will have a part number with a “-U” suffix.

## UL1699B Certification

The SolarEdge system incorporates many safety mechanisms, ensuring safety for installers, maintenance works and firefighters.

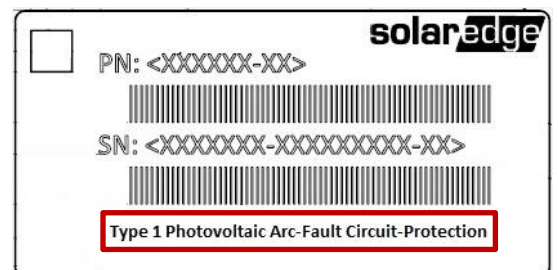
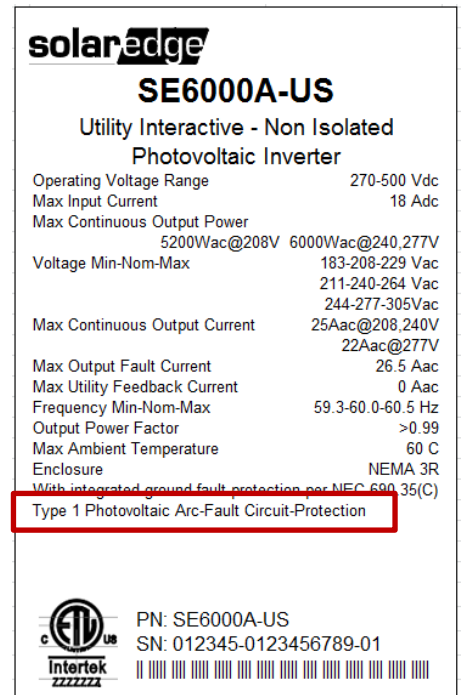
In addition to the built in safety features of the SolarEdge system, the SolarEdge single phase inverters are now certified to UL1699B, allowing their installation in jurisdictions requiring NEC 2011 690.11 compliance.

Compliant inverters can be identified by their part number and by the product label:

- All inverters with a part number ending in “-U” are compliant.
- All compliant inverters will have the following text printed on the inverter box label and on the inverter certification label:

**Type 1 Photovoltaic Arc-Fault Circuit-Protection**

Compliant inverters will be supplied with documentation detailing the functionality and troubleshooting of this feature.



SolarEdge Technologies | [www.solaredge.com](http://www.solaredge.com)

<b>USA</b>	3347 Gateway Boulevard, Fremont, CA, 94538
<b>Germany</b>	Bretonischer Ring 18, 85630 Grasbrunn (Munich)
<b>Italy</b>	VISMUNDA SRL, Corso Del Popolo 50/A, Treviso
<b>Japan</b>	B-9 Ariake Frontier Building, 3-7-26 Ariake, Koto-Ku, Tokyo 135-0063
<b>Israel</b>	6 HeHarash St. P.O.Box 7349, Neve Neeman, Hod Hasharon 45240
<b>China</b>	City Center, 100 Zunyi Road, Building A, Unit 1204, Shanghai 200051

## Pre-Assembled AC/DC Safety Switch

### Benefits

With the AC/DC Safety Switch pre-assembled, the inverter installation process will now be simpler, shortening the installation time at the site:

- Easy to mount from the box, as detailed below
- Single product mounting
- No wiring of the AC/DC Safety Switch to the inverter

In addition, inventory management will now be simplified as the inverter will always be supplied with a compatible switch.

The switch is supplied with a one-screw mounting bracket that may be used to further secure the AC/DC Safety Switch to the wall.

### Date of Change and Part Numbers

This change will be in effect starting **December 1st, 2013**. Inverter orders prior to this date will be fulfilled according to inventory.

Inverter part numbers will have “-U” added to indicate that they are supplied with a pre-assembled AC/DC Safety Switch.

### Packaging and Transport

The inverters will be supplied in a new package. To remove the inverter, the box is opened at the bottom and lifted off, leaving the inverter standing vertically in the box base. Once the inverter bracket, placed on top of the inverter, is mounted, the inverter can be removed from the box base directly onto the bracket.

The shipping weight and size of the new boxes are:

- Weight: 62 lb / 28 kg
- Dimensions (HxWxD): 16 x 16 x 40.5 in / 400 x 400 x 1025 mm

Each 47.5 x 31.5 in / 1200 x 800 mm pallet will have 12 inverters.

