

Service Kits for Three Phase Inverter with Synergy Technology – North America

Version History

- Version 1.0, February 2023 – first issue

Usage Guidelines

Thank you for purchasing a SolarEdge Field Service Kit. This document provides guidelines for use of the kit materials. Please note:

Read below to learn how to use your kit components. Please note:

- Components must be replaced in accordance with SolarEdge’s Return Material Authorization (RMA) process in order to be eligible for warranty coverage.
- The Digital and Communication Boards contained in this kit require specific programming by you to meet equipment operating specifications. Call SolarEdge Support at +1-510-498-3200 to activate your kit and receive instructions on programming these boards.
- Replace a component only upon authorization from SolarEdge Support. This authorization can be obtained via the SolarEdge RMA procedure. Without authorization, the replaced components will not be eligible for warranty coverage, and replacement components will not be shipped to replenish the kit.
- Your service kit may include more than one type of a particular component, for use with different inverter versions. Before using the replacement item, verify that its part number (P/N) is identical to the P/N specified in the RMA authorization.



CAUTION!

Use of components with non-compatible part numbers may damage the equipment and void your warranty.




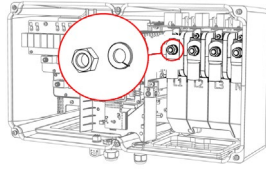
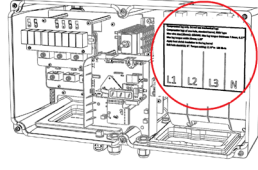

- Keep this kit dry; do not expose it to excessive heat for extended periods. Do not let dirt or dust inside. Avoid mechanical pressure or excessive vibrations.

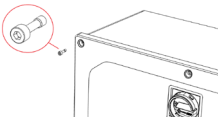
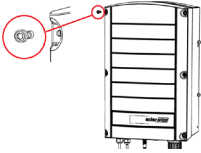

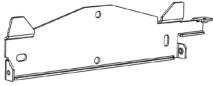
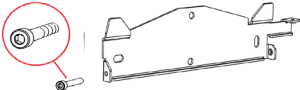
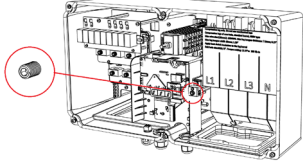

For additional information regarding warranty and RMA, refer to <http://www.solaredge.com/groups/service/warranty>.

For additional support, contact SolarEdge Support at support@solaredge.com, or call +1-510-498-3200.

A table containing [kits, part numbers, and links to documentation](#) appears in the following section.

Available Service Kits

Part Description	Kit P/N, # Units/Kit	Instructions / Web Link
High Power DC SPD for Synergy Manager	SE-DC-SPD-SM3SU 5 units	
AC SPD for Synergy Manager	SE-AC-SPD-SM 5 units	
Small AC to DC Fuses on AC SPD board of Synergy Manager	FLD-I-SM-ACDC-FUSE 10 units	
25A DC Fuses for Synergy Manager	FLD-DCD-SEL-FUSE 30 units	
RS-485 SPD for Synergy Manager	SE-RS485-SPD3-B-K4 1 unit	MAN-01-00597 Printed instructions are provided with the kit
DC Conduits Panel for Synergy Manager	FLD-SM-NAM-DC-PNL1 1 unit	
AC Conduits Panel for Synergy Manager	FLD-SM-NAM-AC-PNL1 1 unit	
Spring Lock Washer for AC Terminal in Synergy Manager	AS0018-KIT 4 units of each part	
AC Terminal Nuts for Synergy Manager		
AC Terminals - Upper Plastic Cover for Synergy Manager	AS0019-KIT 1 unit	
External Fan Assembly of Synergy Unit	FLD-3PH-I-FAN-EX 1 unit	MAN-01-00731 Printed instructions are provided with the kit
On/Off/P Switch of Synergy Manager	FLD-3PH-SM-SW-3WAY 2 units	

Part Description	Kit P/N, # Units/Kit	Instructions / Web Link
Cover Screws (4mm) for Synergy Manager	AS0027-KIT 6 units of each part	
Cover Screws (6mm) for Synergy Unit		
Internal Fan for Synergy Manager	FLD-3PH-SM-FAN 1 unit	<p>Video Guide</p> 
Wall Bracket for Synergy Manager	FLD-SM-BRKT 1 unit	
Wall Bracket Screw for Synergy Manager	AS0028-INV 2 units	
Internal FAN for Synergy Unit	FLD-3PH-I-FAN-IN 1 unit	<p>MAN-01-00719 Printed instructions are provided with the kit</p>
Chassis GND Screw for Synergy Manager	AS0055-KIT 1 unit	
Drawing of Mounting Brackets for Three Phase Inverter with Synergy Technology	MAN-01-00660	N/A
LED Light Pipe and Standoffs for Synergy Manager	FLD-SM-LEDPIPE 1 unit	<p>Video Guide</p> 
MC4 Connector Opener	FLD-MC4-TOOL 1 unit	N/A