

# SOLECTRIA® XGI 1500-166 SERIES

## SPARE PARTS KIT

### SPARE PARTS KIT CONTENTS

- Cooling Fans
- MOV Board Set
- AC Contactors
- AC EMI Filter
- DSP and Interface PCB
- DC Switch
- Communications PCB
- Power Supply

#### ⚠ IMPORTANT NOTE

Repairs and part replacement are to be carried out exclusively by trained and qualified technicians to maintain safety, ensure proper installation, and preserve warranty coverage. For warranty consideration, Technical Support must be contacted to troubleshoot the issue and provide an approved Return Material Authorization (RMA) prior to any service on the inverter. Repairs completed without prior authorization may result in loss of warranty eligibility.



SCAN TO WATCH THE INVERTER WARRANTY PROCESS AND SPARE PARTS KIT VIDEO



Yaskawa Solectria Solar designed and builds the XGI 1500 utility-scale string inverters to the highest standards of quality and reliability.

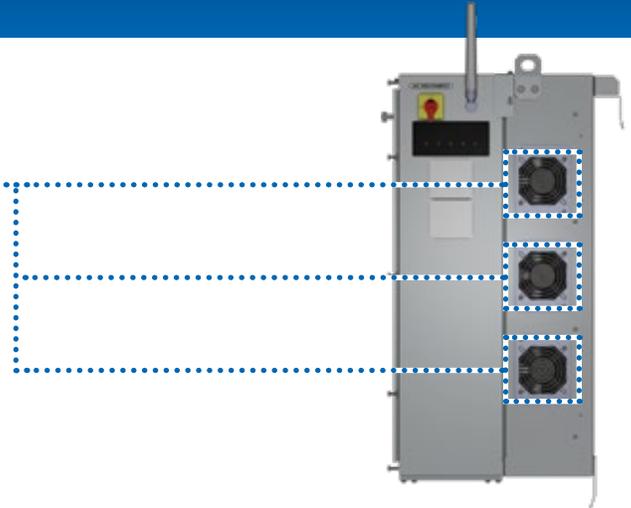
Due to its intelligent design and the engineering considerations given to serviceability, the XGI 1500 can be safely and easily serviced in the field. The Spare Parts Kit (Model Number OPT-PARTSKIT-XGI 1500) provides a complete set of the field-replaceable components most likely to need replacement.

OPT-PARTSKIT-XGI 1500 Contents	Quantity
Cooling Fans	3
MOV Board Set	1
AC Contactors	2
AC EMI Filter	1
Set of DSP and Interface PCB	1
DC Switch	1
Communications PCB	1
Power Supply	1

# SOLECTRIA® XGI 1500-166 SPARE PARTS KIT

## COOLING FANS

- 3 Fan located on the exterior of the back section of the Inverter Compartment
- Readily accessible on the right side of the Inverter Compartment for field replacement



## MOV BOARD SET

- Located in Customer Wiring Compartment
- Surge protection at the DC input and AC output
- Boards readily accessible and removable for field replacement

## COMMUNICATIONS PCB

- Located in Inverter Compartment
- Has all communications features for the inverter
- Board is attached and on top of the DSP PCB
- Readily accessible and removable for field replacement

## DC SWITCH

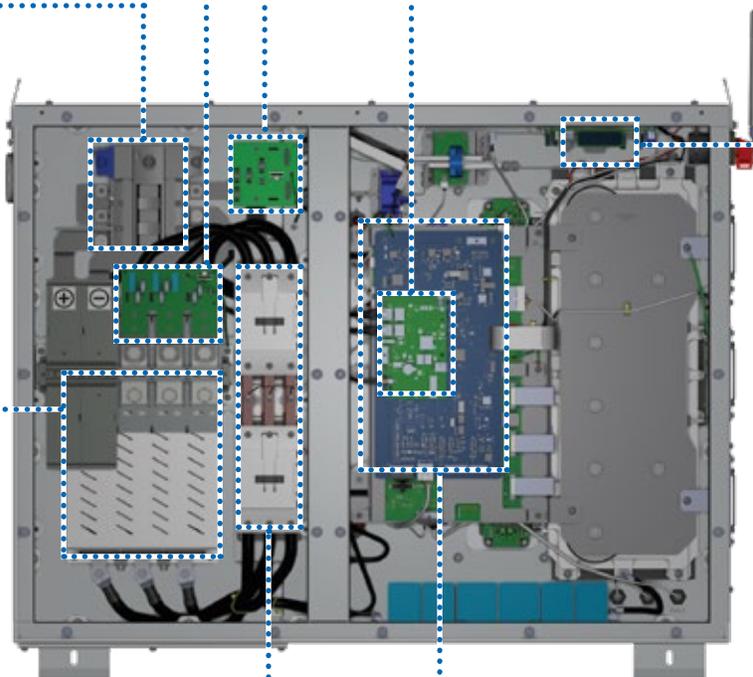
- Located in Customer Wiring Compartment
- Provides disconnect for the inverter from the DC input
- Switch is readily accessible and removable for field replacement

## AC EMI FILTER

- Located in Customer Wiring Compartment
- Filters high-frequency AC harmonics
- Accessible and removable for field replacement

## AC CONTACTORS

- Located in Customer Wiring Compartment
- Provide disconnect for the inverter from the AC service
- Contactors are readily accessible and removable for field replacement



## POWER SUPPLY PCB

- Located in Inverter Compartment
- Less likely to ever need replacement
- Readily accessible and removable for field replacement

## DSP & INTERFACE PCB

- Located in Inverter Compartment
- Two primary printed circuit boards in the inverter
- Boards are stacked and mechanically secured to a cradle and are readily accessible and removable for field replacement

IT'S PERSONAL