

CIRCULAR INVERTER STRATEGY

PVI Modules Continuity Solutions



Today it's possibile to manage your **POWER ONE central PVI** with a different approach, based on **PVI Modules Repair**, **Refurb** & **Swap** Solutions.

Repair instead replace make sense both from an economic and environamental point of view; it's **chepear**, **faster** and **realiable**.

With value added solutions such as **Advanced Swap**, moreover, you can **maximize inverter availability** when faults arise.

Forget to replace your POWER ONE central, now you've got a different option: Repair, Refurb & Swap your PVI modules!

1.200 Pcs REPAIRED

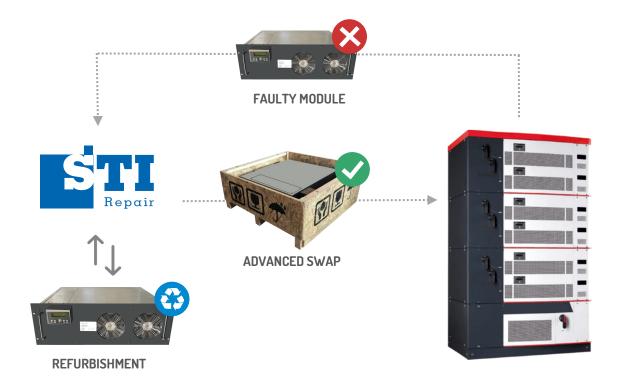
99,6% RAPAIRABILITY RATE

1,83% WARRANTY CLAIMS

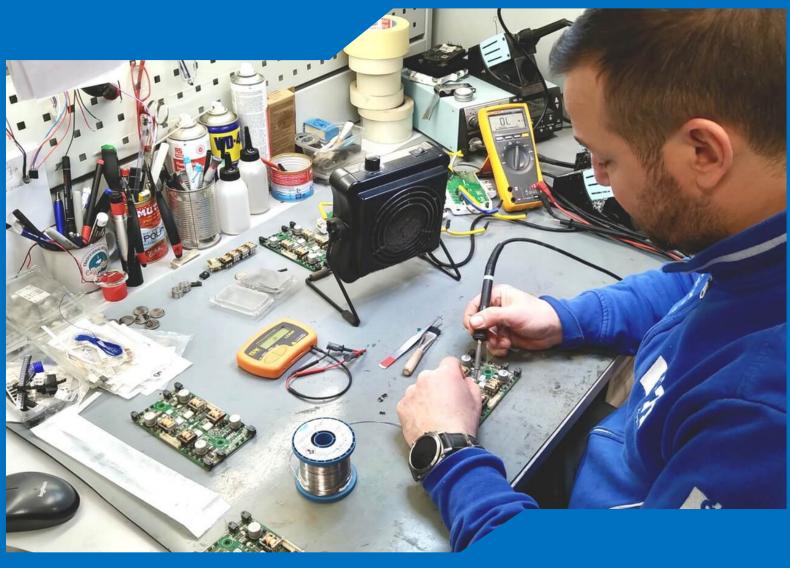
Based on Internal database - STI

How Circular Inverter Strategy Works

A faulty PVI Module will be quickly switched with a refurbished one to minimize downtime and restore central inverter full availability; damaged part will be refurbished in LAB and get ready for next round.









REFURBISHMENT New life for Your PVI MODULE.



Refurbishment is a **preventive maintenance technique** aimed to extend solar inverters lifespan.

POWER-ONE PVI MODULES refurbishment consist in converter's main component overhaul/replacement, such as IGBTs, Capacitors, Fans, etc. to bring back solar inverter at its own original performance.

Decide to switch from a classic "linear" approch to a "circular" one allow to minimize downtime, dramatically increase availability rate and maximize plant energy yield.

60% COST SAVING AGAINST NEW ONE

50% DOWNTIME REDUCTION

25% PRODUCTIVITY IMPROVEMENT

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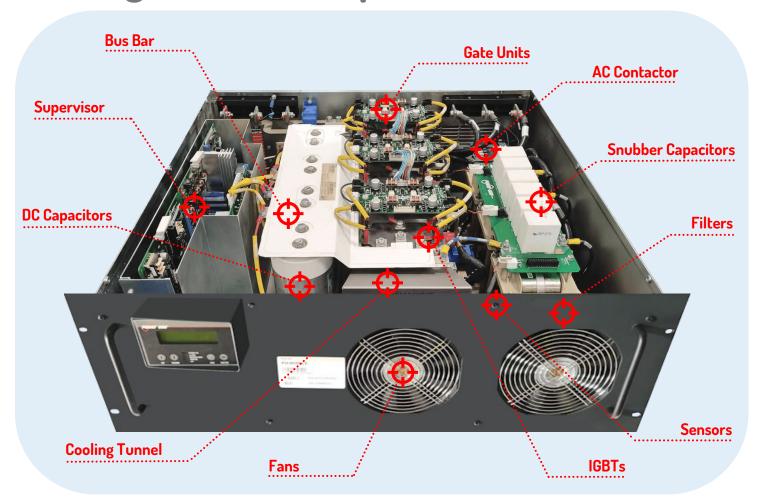
"Every Kilowatt-Hour un-produced is forever lost".

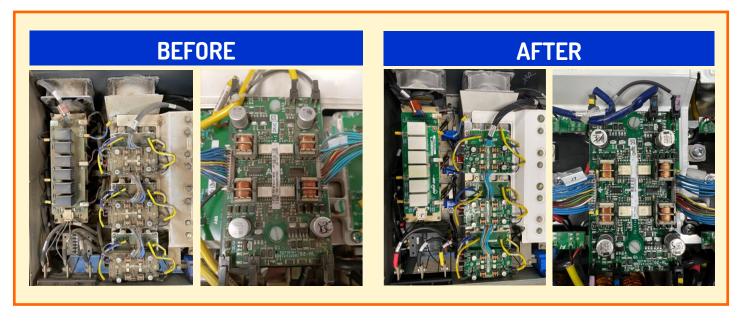
Check List: REPAIR Vs REFURBISHMENT

	REPAIR	REFURB
Diagnosis & Troubleshooting	\	\
IGBTs thermal dissipation restoration		\
Faulty Component Replacement	V	\
DC Link Capacitors Replacement		\
SNUBBER Capacitors Replacement	_	/
AC Contactor Replacement	_	\
Cleaning	✓	\
PCBs Overhaul & Tropicalization	_	✓
Fans Replacement & Filters Overhaul	_	/
Full Test (Bespoke Ring)		



POWER-ONE PVI MODULE REFURB Target Main Components









REPAIRED BY US.

STI s.r.l.

HEADQUARTER

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