

SERVICE ON SITE REFERENCE BOOK



SOLAR INVERTERS • CENTRAL • MODULAR



SPECIALISTIC EXTRAORDINARY MAINTENANCE

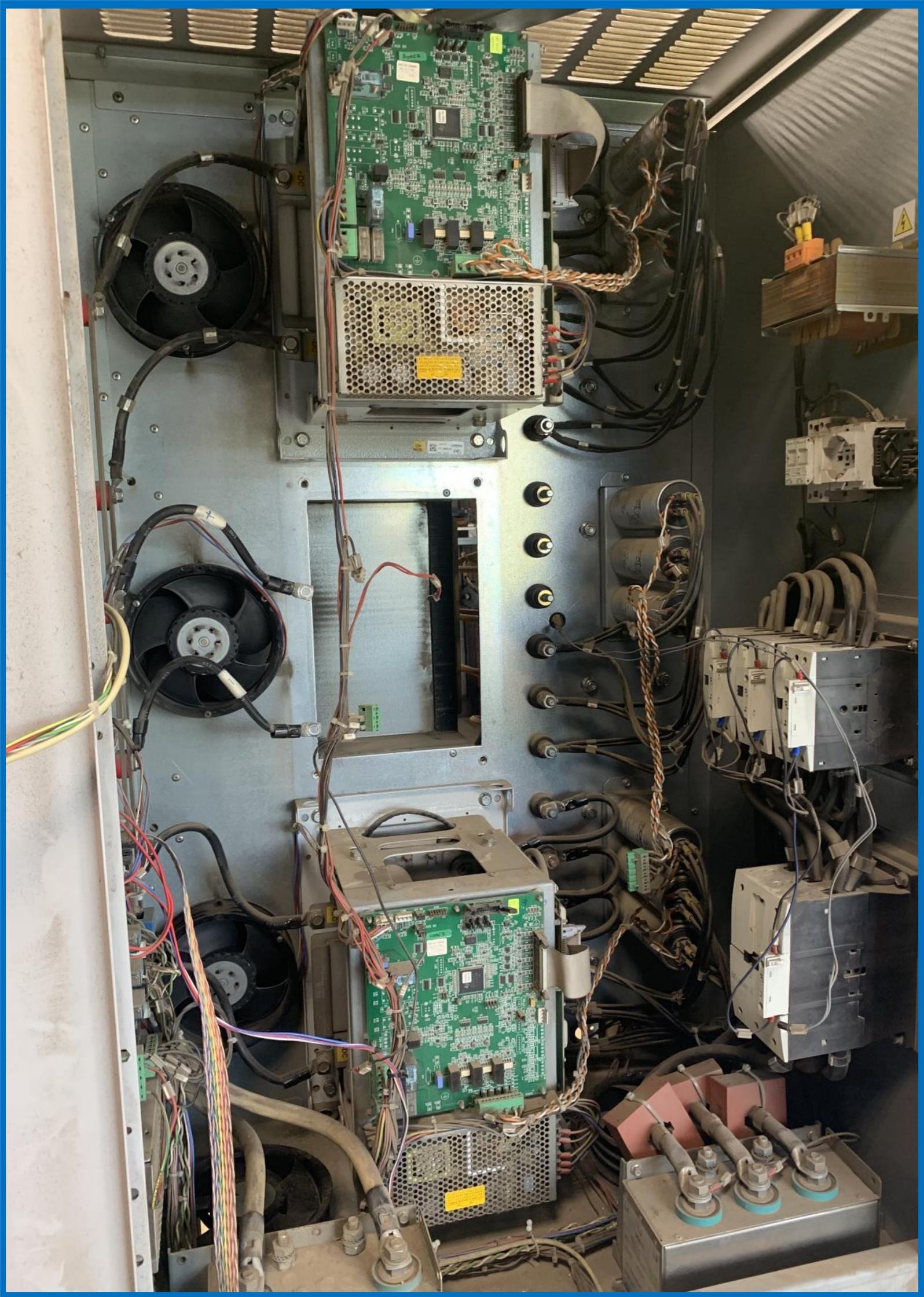
How to give new life to PV Central Inverters

After 7/8 years of operation, PV Inverters needs **extraordinary maintenance**, indispensable to avoid failures/faults.

To extend PV Inverters' technical lifespan, it's strongly recommended to implement a **Preventive Maintenance Cycle** with the aim to restore full operational condition of every single component.

For this reason, considering every single PV Inverters' current situation, we provide **3 different Service Levels** as explained below.

	I Level	II Level	III Level
Troubleshooting/Diagnostic	✓	✓	✓
Fans/Cooling Systems test/Analisis	✓	✓	✓
Grids Cleaning	✓	✓	✓
PCB Test & Verification	✓	✓	✓
IGBT's thermal dissipation restore	✓	✓	✓
DC/Snubber capacitors replacement	—	✓	✓
Electronic Boards Tropicalization	—	✓	✓
Gate Unit & Control Unit Refurbishment	—	—	✓
IGBT Replacement	—	—	✓
Final Test	✓	✓	✓
Warranty	—	REPAIR 12 MONTHS GUARANTEED	REGENERATION 24 MONTHS GUARANTEED





BRAND FIMER

MODEL R-1200

POWER 120 kWp

SERVICE II Level



CE
AG0301E1
NON-FIABILE PERICOLO
FALTA

AG0301E1

43 44 45 46 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

V1

V2

V3

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50



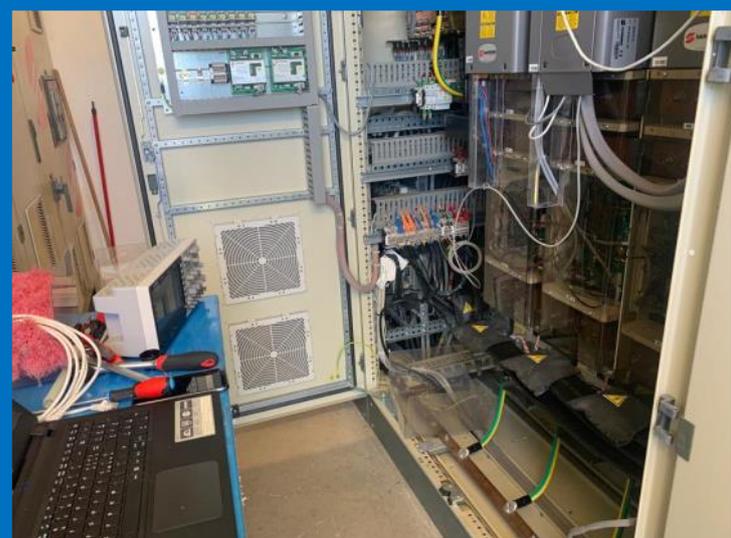
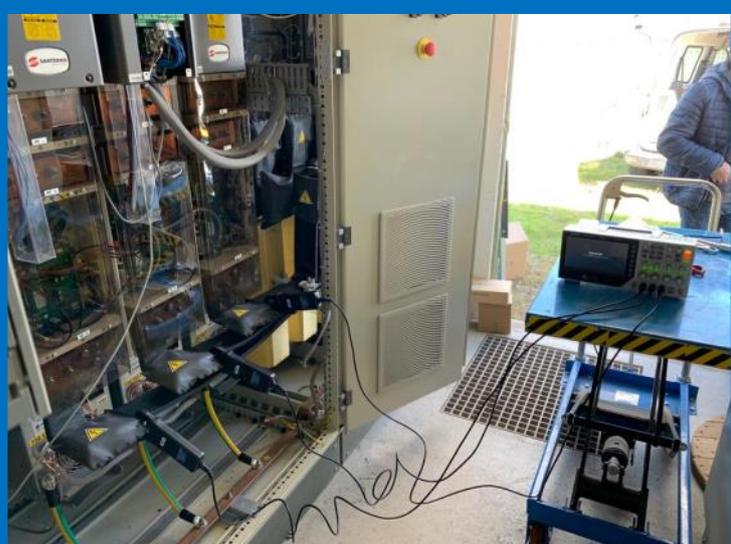
BRAND ANSWER DRIVES

MODEL SVGT420

POWER 285 kWp

SERVICE III Level



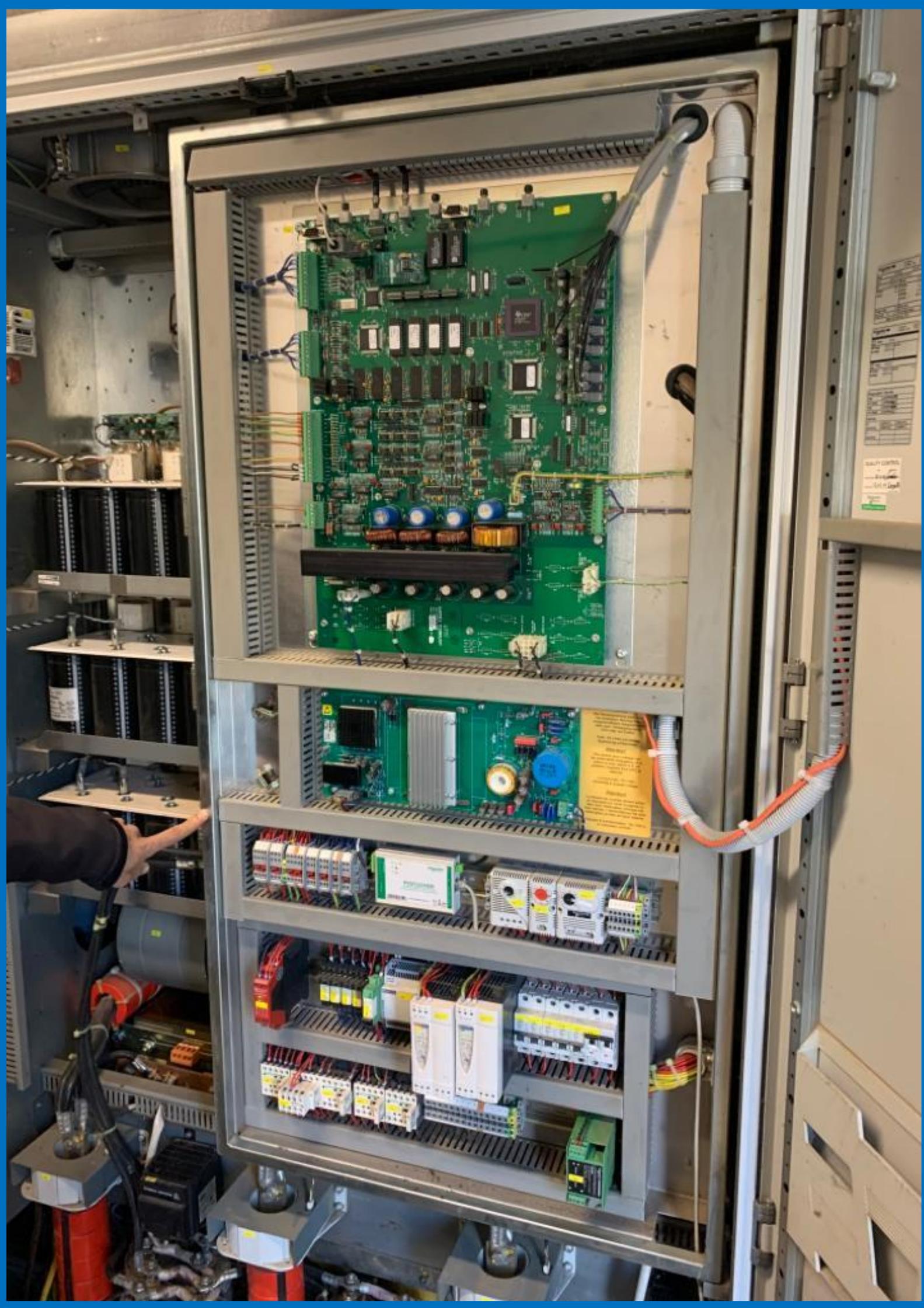


BRAND SANTERNO

MODEL SUNWAY 750

POWER 700 kWp

SERVICE II Level





BRAND SCHNEIDER

MODEL GT-500

POWER 500 kWp

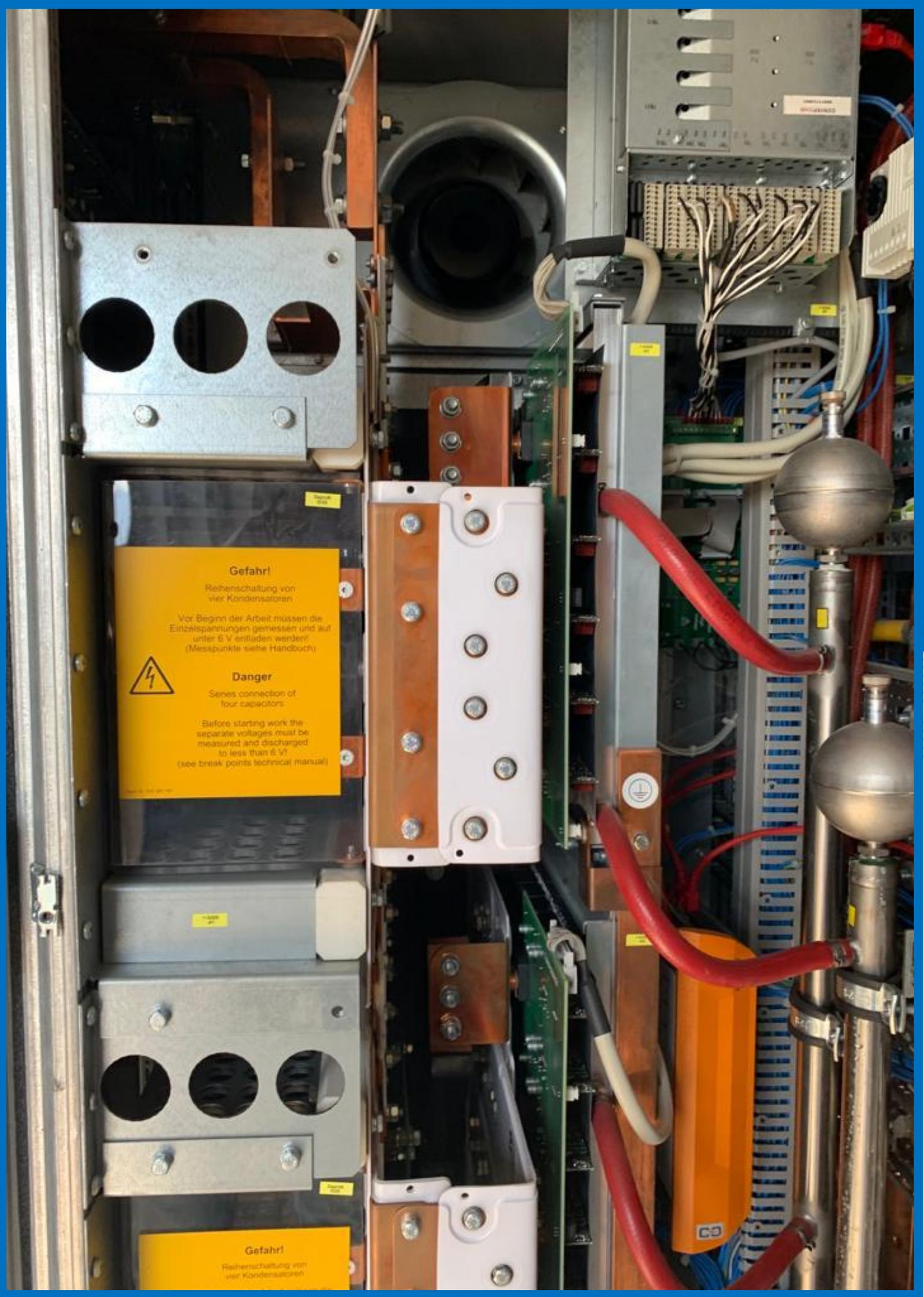
SERVICE III Level

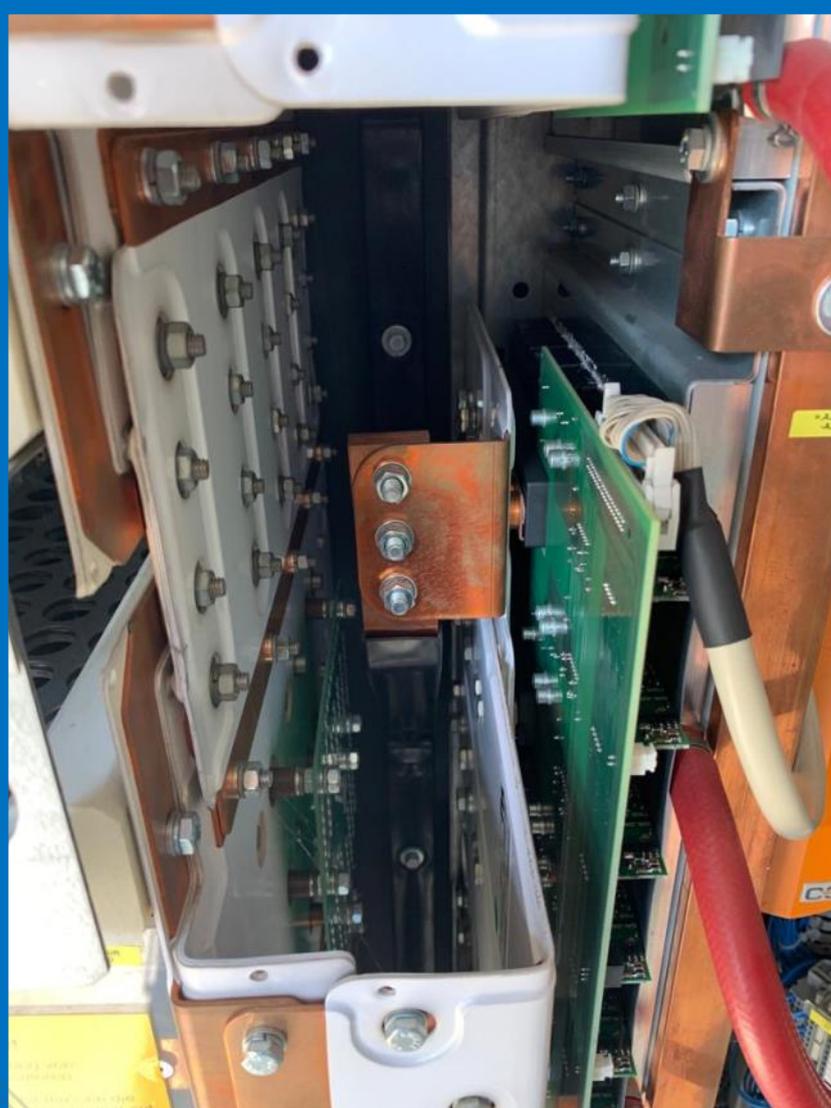
Gefahr!
Reihenschaltung von vier Kondensatoren
Vor Beginn der Arbeit müssen die Einzelspannungen gemessen und auf unter 6 V entladen werden!
(Messpunkte siehe Handbuch)



Danger
Series connection of four capacitors
Before starting work the separate voltages must be measured and discharged to less than 6 V!
(see break points technical manual)

Gefahr!
Reihenschaltung von vier Kondensatoren



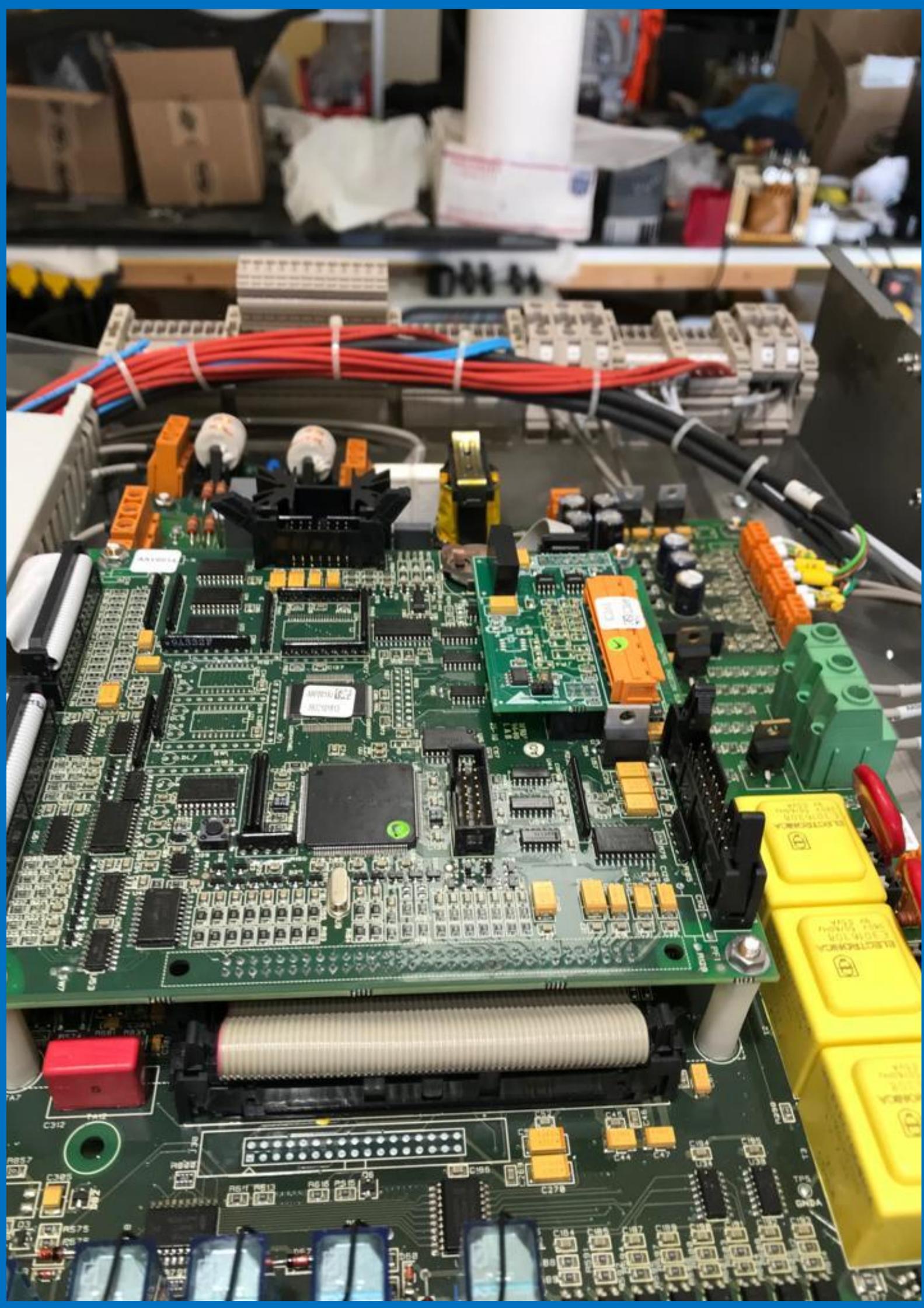


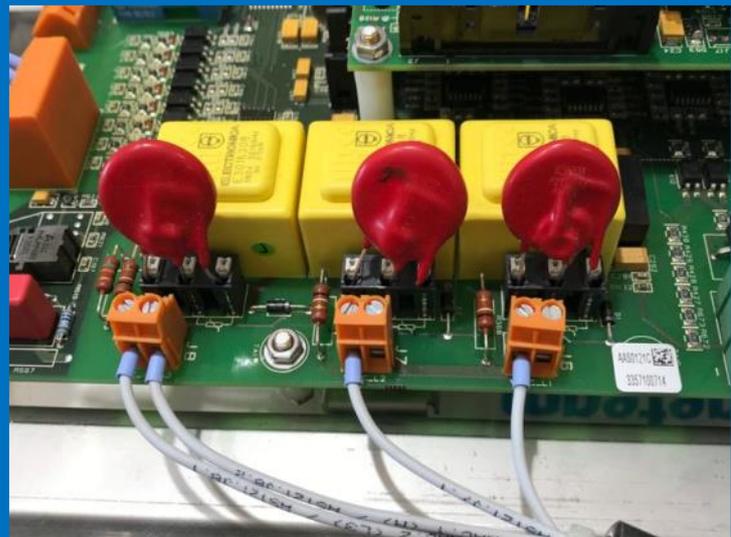
BRAND CONVERTEAM

MODEL PROSOLAR

POWER 450 kWp

SERVICE II Level



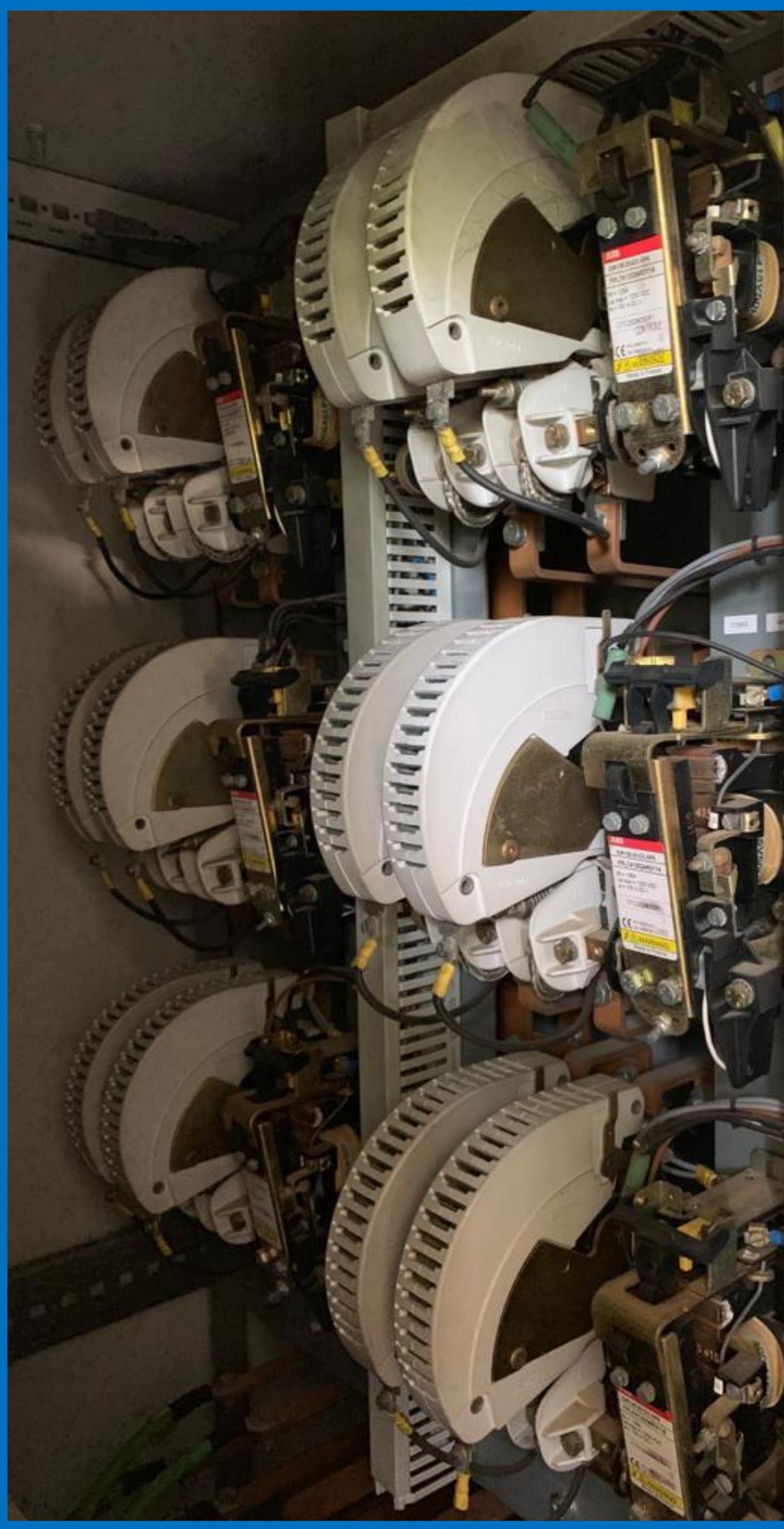


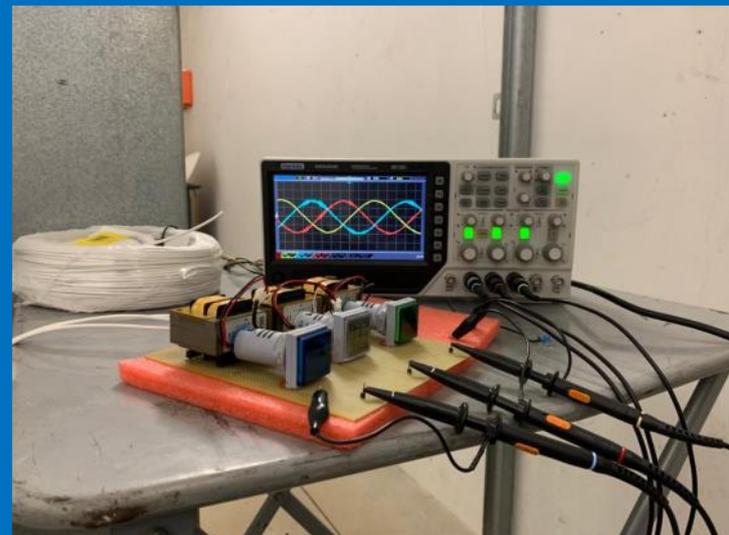
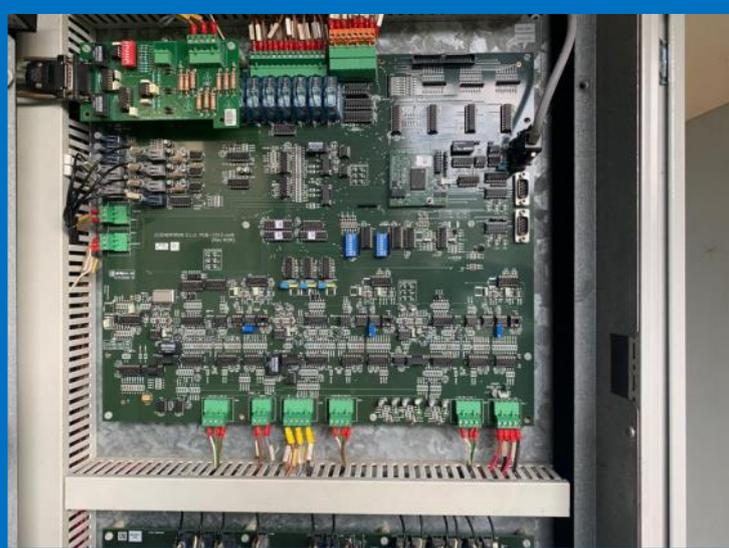
BRAND INGETEAM

MODEL INGECON SUN

POWER 500 kWp

SERVICE I Level





BRAND GAMESA

MODEL CENTRAL 500

POWER 500 kWp

SERVICE II Level





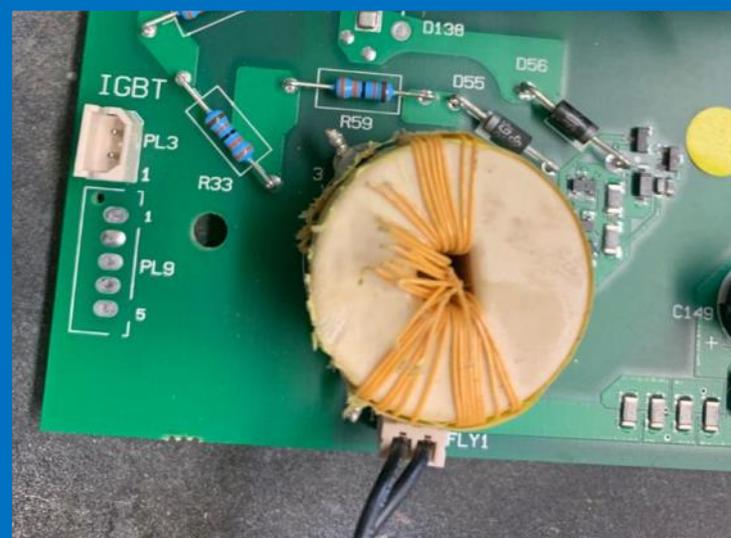
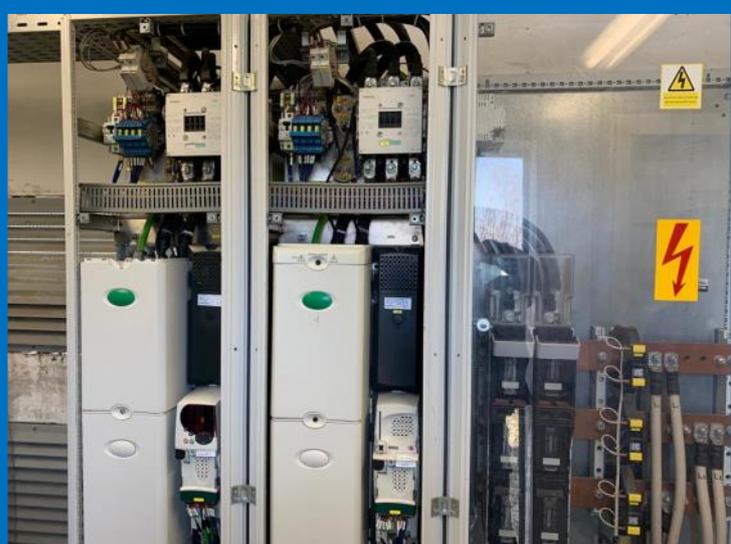
BRAND AROS

MODEL SIRIO 320K

POWER 250 kWp

SERVICE II Level





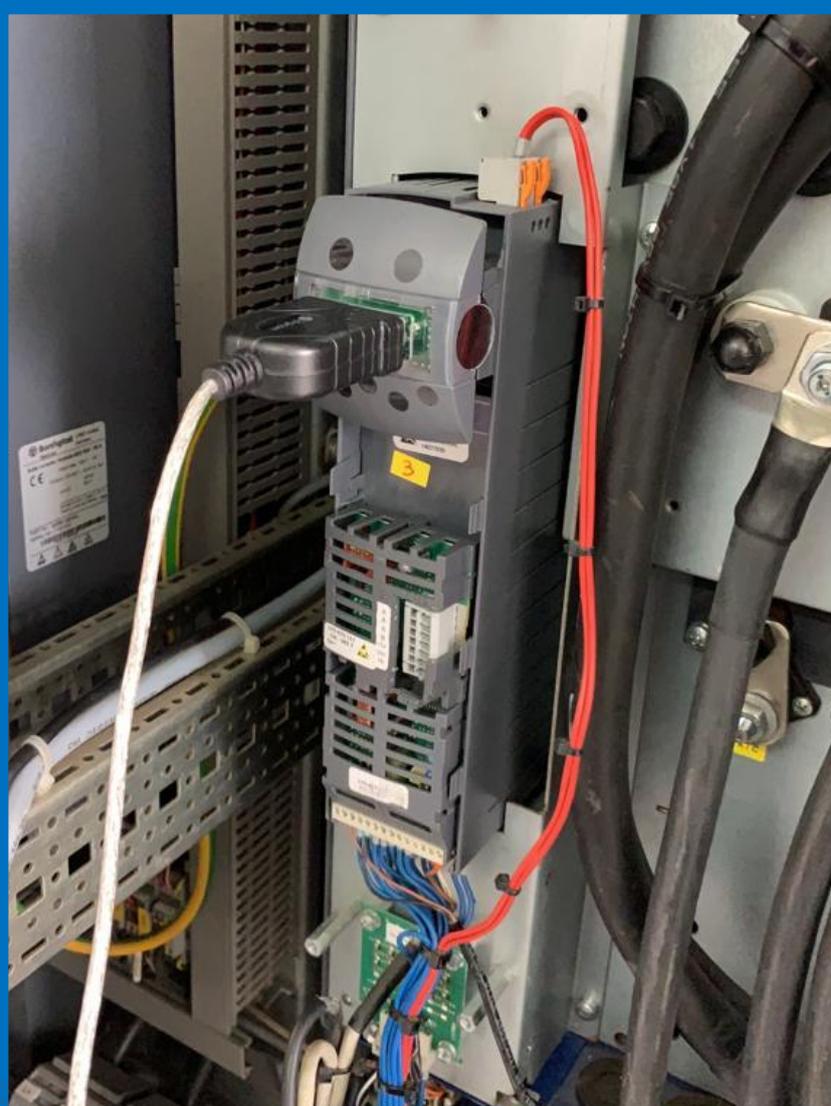
BRAND EMERSON

MODEL SPMD 1424 PV

POWER 200 kWp

SERVICE II Level





BRAND BONFIGLIOLI

MODEL AEC - 500

POWER 150 kWp

SERVICE II Level





BRAND SIEMENS

MODEL SINVERT 500

POWER 500 kWp

SERVICE III Level

OPERNICO





BRAND ASTRID

MODEL COPERNICO

POWER 500 kWp

SERVICE III Level



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REPAIRED BY US.**

STI s.r.l.

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