

Eastern Cape Projects & Solutions Pty Ltd



Solar, Mechanical, Electrical, Engineering, Vinyl Designs

Reg no. 2022/743320/07

Tax no. 9304048250

Contact no. 082 417 4688 / 076 511 5314

Email: info@ecprojectsolutions.co.za

6 Kanfer Street
Strelitzia Park
UITENHAGE
(KARIEGA)
6229

2 May 2023

BLACKHOUND ENTERPRISES
19 Cactus Road
Fairview
Port Elizabeth
6075

Contact Person: Hannes Gouws - 072 799 9597

SYNAPSE POWER INVERTER

Model Name: SYNAPSE 1000

Rated Power: 1000W

DC Input: 24VDC

S/N: EP201024202008210699

This letter serves as our report on the above-mentioned item, with regards to damage incurred to the Synapse 1000W off grid inverter/solar charger. Damages resulting from a possible power surge, that caused damage to inverter DC circuitry, controlling the DC charge and discharge functions.

Due to the damaged dysfunctional state of the DC circuitry, the inverter is unable to function.

We deem the inverter uneconomical to repair, and would recommend that the inverter be replaced with a new unit.

Please see attached photos of the inverter identification, and damages to the DC charge and discharge circuitry.

A surge plug is fitted to the inverter, and all the supply fuses are still in good condition (Not blown or damaged)

Yours Faithfully

LL FERREIRA

EASTERN CAPE PROJECTS AND SOLUTIONS (PTY) LTD

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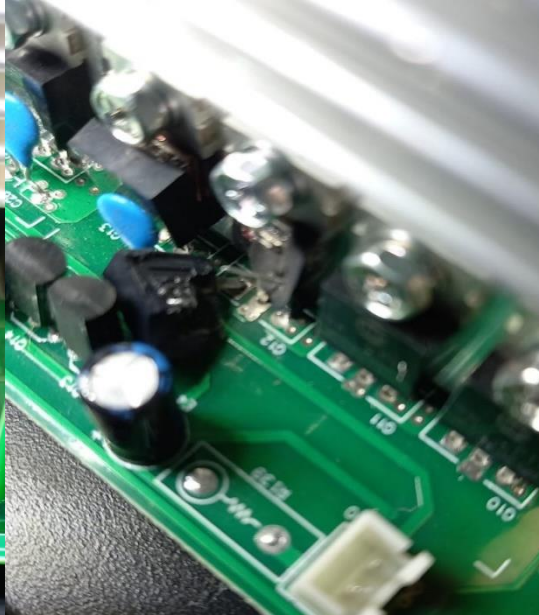
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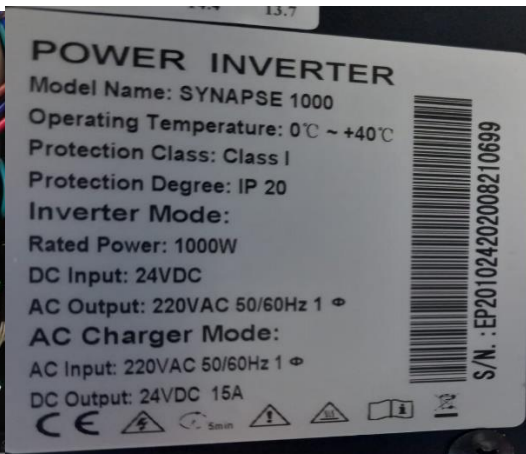
Damage 1



Damage 2



Damage 3



Inverter ID