

SMA Sunny Boy 3000TL – Solar inverter

Reverse Costing Analysis

by System Plus Consulting

- **Analyze the cost of projects at the R&D level**
- **Enhance the negotiation power of purchasing managers**
- **Benchmark competitor's products**

System Plus Consulting is proud to publish the reverse costing report of the Solar inverter Sunny Boy 3000TL supplied by SMA. Based on a complete teardown process the report provides an estimation of the production cost as well as the selling price of the product.

This SMA Sunny Boy 3000TL Solar inverter is used to convert direct current (DC) from Solar panels to alternating current (AC). The Solar inverter holds 6 boards : a main electronic board, a multimedia board, a LCD board, a current board, a fuse board and a ceramic power board. With multiple communication channels the Sunny Boy 3000TL is setting new standards in inverter technology.

This report provides complete teardown and cost estimation of the product with :

- **Detailed teardown photos**
- **Material analysis**
- **Schematic assembly description**
- **Manufacturing Process Flow**
- **In-depth economical analysis**
- **Manufacturing cost breakdown**
- **Selling price estimation**



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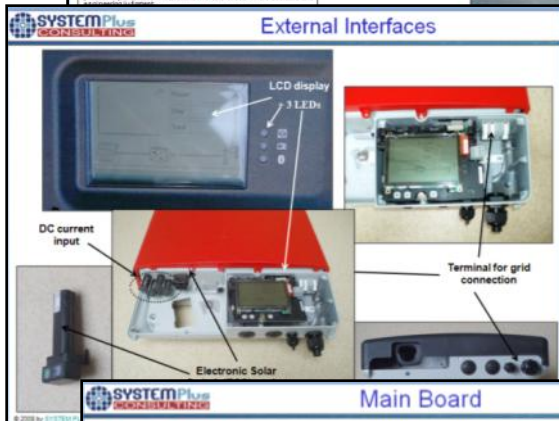
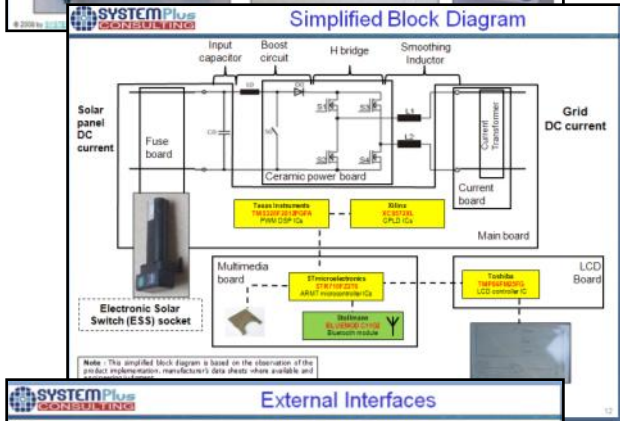


TABLE OF CONTENTS 1/2

Glossary

Overview/Introduction

- Main Features
- Specifications overview

p2

SMA Company Profile

p6

Physical Analysis

p8

- Packaging
- Views & Dimensions
- External Interfaces
- Simplified Block Diagram
- Black cover opened
- Red Cover opened
- Connectors
- Display Removed
- Multimedia Board Removed
- Main Board
- Main board removed
- Ceramic power module
- LCD Display
- Display Board
- Fuse Board
- Current Board
- Main Board Markings
- Main board
- Multimedia Board

Sunny Boy Family

p36

- Sunny boy 2500, 3300 and 5000
- Sunny boy 3000TL, 4000TL and 5000TL

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TABLE OF CONTENTS 2/2

Bill of Material

p40

- Assessing the BOM
- Estimation of the cost of the PCBs
- Estimation of the power transistors
- Estimation of the ceramic power board
- Main Board
- Multimedia Board
- Display Board
- Current Board
- Fuse Board
- Assessing the Housing
- Housing
- Packaging
- Material cost breakdown

Added Value

p52

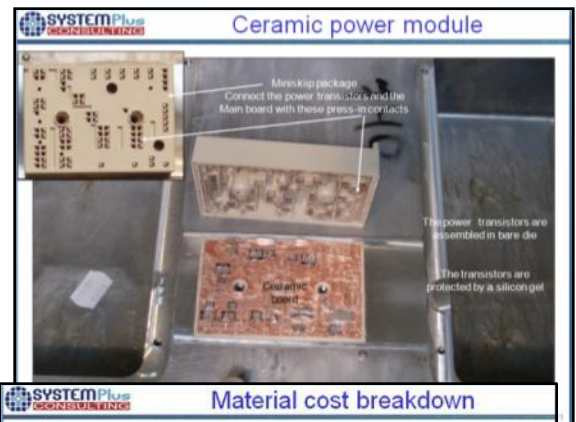
- Assessing the Added Value (AV) cost
- Main Board manufacturing flow
- Main Board Hourly rates and cadencies
- Details of the Main board AV Cost
- Details of the Multimedia Board AV Cost
- Details of LCD Board AV Cost
- Details of the Current Board AV Cost
- Details of the Fuse Board AV Cost
- Details of the Housing AV Cost
- Details of the Packaging AV Cost
- Added Value cost breakdown
- Manufacturing cost breakdown

Estimated Manufacturer Price Analysis

p68

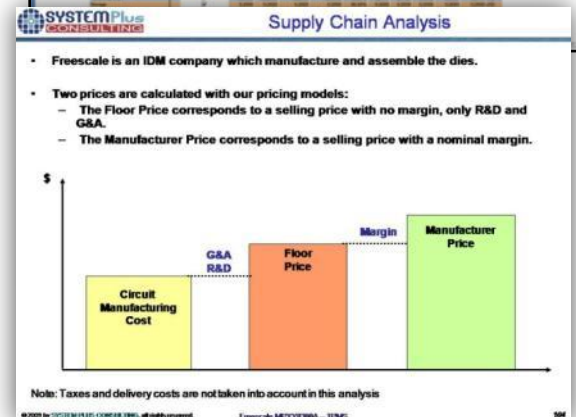
- Supply Chain Analysis
- Manufacturer ratios
- Estimated manufacturer Price

Conclusion



Details of the Main board AV Cost

Component	Unit	Quantity	Unit Price	Total Price
...



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- training courses on the cost construction of integrated circuits an electronic boards, consulting services for cost improvement.

System Plus Consulting performs reverse costing analyses of

- Integrated circuits Electronic boards
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