

SMA Solar Technology – Sunny Boy 240-US Solar Microinverter

Reverse Costing Analysis by System Plus Consulting

*1st generation of SMA Solar micro inverter
An hybrid solution combining panel inverter and central grid link*

The Sunny Boy 240-US photovoltaic inverter is the 1st micro-inverter released by SMA Solar. PV inverter leader SMA is proposing an hybrid approach with simplified micro-inverters doing the power conversion and a “multigate” box where the grid connexion takes place, as well as the data communication.

The inverter produces 240 Watts peak AC output power. The Sunny Boy 240-US offers a 96-Percent CEC efficiency. The simplified design should lead an improved reliability.

Based on a complete teardown analysis, the report provides an estimation of the production cost of the Sunny Boy 240-US inverter.

This reverse costing report contains:

- Detailed photos
- Material analysis
- Manufacturing process flow
- In-depth economical analysis
- Manufacturing cost breakdown
- Selling price estimation



TABLE OF CONTENTS

Table of Contents

1. Overview / Introduction	3	3. BOM Analysis	35
Executive Summary		Accessing the BOM	
Reverse Costing Methodology		Estimation of the cost of the PCB	
Company Profile : SMA Solar		BOM Cost – Electronic Board – 200K Units	
Main Features		BOM Cost – Electronic Board – 1M Units	
		Estimation of the cost of the Housing Parts	
2. Physical Analysis	9	BOM Housing – 200K Units and 1M Unit	
Package Opening		BOM Packaging – 200K Units and 1M Unit	
Views and Dimensions of the Inverter		Material Cost Breakdown	
Inverter Opening		Assessing the Added Value (AV) cost	
• Electronic Board – Top Side – Global View		Electronic Board Manufacturing Flow	
• Electronic Board – Top Side – High Definition Photo		Details of the Electronic Board AV Cost	
• Electronic Board – Top Side – Components Identification		Details of the Housing Assembly AV Cost	
• Electronic Board – Bottom Side – Global View		Details of the Packaging Assembly AV Cost	
• Electronic Board – Bottom Side – High Definition Photo		Added Value Cost Breakdown	
		Manufacturing Cost Breakdown – 200K and 1M Units	
		4. Estimated Price Analysis	64
		Estimation of the Selling Price – 200K and 1M Units	
		Functional Cost Breakdown	
		Contacts	70

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Please process my order for SMA Solar Sunny Boy 240-US Microinverter Reverse Costing Analysis

SP13149 Corporate license price: EUR 2 490*

*For price in dollars please use the day's exchange rate

*All reports are delivered electronically in pdf format

*For French customer, add 20 % for VAT

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System Plus Consulting is specialized in the **cost analysis** of electronics from **semiconductor devices** to **electronic systems**. Around this main line System Plus Consulting developed a complete range of services and costing tools to provide **in-depth production cost studies** and estimation of the **objective selling price** of the product.

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