

TIGO Energy MM-2ES 50 Dual Maximizer

*Improves production, management and safety of a photovoltaic installation at a low cost
Peak efficiency ratings of up to 99.5%*

The Optimizers Market, as well as the Micro Inverter market, has experienced a significant growth in recent years, and forecasts for future years are promising.

The main function of an optimizer is to improve the energy harvest from photovoltaic panels. Tigo Energy, a world leader in this technology, offers an innovative solution, the Dual Maximizer, using a patented impedance-matching technology. Working with a complementary Management Unit, the Dual Maximizer can be connected to one or two PV modules and is expected to reach a record peak efficiency of 99.5%. An integrated Zigbee Module is used for wireless communication with the Management Unit.

Based on a complete teardown analysis, the reverse costing report of the TIGO MM-2ES 50 Dual Maximizer published by System Plus Consulting provides the bill-of-material of the product and an estimation of the production cost of the maximizer.



**REVERSE COSTING ANALYSIS
REPORT BY** 

PV Dual Maximizer
77 pages
February 2015
Pdf file
Xls file

PRICE :
Full report: EUR 1,990

COMPLETE TEARDOWN WITH:

- Detailed Photos
- Material Analysis
- Bill of Material
- Manufacturing Process Flow
- Manufacturing Cost Analysis
- Selling Price Estimation

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ORDER FORM

Please process my order for "Tigo Energy MM-2ES 50" Reverse Costing Analysis

Ref.: SP15211

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*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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The present document is valid 6 months after its publishing date: February 12th, 2015.

BILLING CONTACT

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ABOUT SYSTEM PLUS CONSULTING

System Plus Consulting specializes in the **cost analysis** of electronics, from **semiconductor devices** to **electronic systems**, and has developed a complete range of services and costing tools to provide **in-depth production cost studies** and to estimate the **objective selling price** of a product.

COSTING SERVICES

- ✓ **On demand Reverse Costing studies** are performed on ICs, ASICs, MEMs, Power Devices, ECUs, electronic boards and full electronic systems.
- ✓ **The catalog of available reports** includes cost analyzes on MEMS, LEDs, Modules and Electronic systems.

All these analyses are performed using in-house developed, proprietary costing tools and their technological databases.

COSTING TOOLS

« Purchaser » tools

- ✓ IC Price+ to estimate the cost of any integrated circuit
- ✓ Power Price+ for any power component or module

- ✓ PCB Price+ for printed circuit boards
- ✓ SYS.Cost+ for electronic boards and systems

Cost Simulation Tools, process flow based

- ✓ MEMS CoSim+
- ✓ LED CoSim+
- ✓ Power CoSim+
- ✓ 3D Package CoSim+
- ✓ Sapphire CoSim+

Other costing models can be developed according to customer specifications

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System Plus Consulting responsibility will not be involved in non execution or late delivery of one of its duties described in the current terms and conditions if these are the result of a force majeure case. Therefore, the force majeure includes all external event unpredictable and irresistible as defined by the article 1148 of the French Code Civil?

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