

Power-One TRIO-27.6-TL 30 KW Commercial PV Inverter

Reverse Costing Analysis by System Plus Consulting

*The latest three-phase inverter in Power-One's Aurora range
Two independent MPPTs and efficiency ratings of up to 98.3%*

Aurora Trio 27.6 TL is a new-look three-phase inverter for the commercial solar market from Power-One, the second largest PV inverter manufacturer.

With a nominal power of 27.6KW, the transformerless inverter provides two independent MPPTs and efficiency ratings of up to 98.3%. The system uses film capacitors instead of electrolytic capacitors for a longer product lifetime.

System Plus Consulting is publishing the reverse costing report of the Aurora Trio-27.6-TL-S2X400 (with DC+AC switch, fuse and surge arrester).

Based on a complete teardown analysis, the report provides an estimation of the production cost of the inverter and its wiring box.

This reverse costing report contains:

- Detailed photos and identification
- Bill of Material (over 15 boards)
- Manufacturing process flow
- In-depth economical analysis
- Manufacturing cost breakdown
- Selling price estimation



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ORDER FORM

Please enter my order for Power-One Aurora TRIO-27.6-TL Inverter Reverse Costing Analysis :

Ref.: SP13143

Multi User license price:

EUR 3 490*

*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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ABOUT SYSTEM PLUS CONSULTING

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.

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, Electronic components and Electronic systems

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

COSTING TOOLS

« Purchaser » tools

- ✓ IC Price+ to estimate the cost of any integrated circuit
- ✓ Power Price+ to estimate the cost of any power component or module
- ✓ PCB Price+ for printed circuit boards
- ✓ SysCost+ a costing tool 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 specification.

TERMS AND CONDITIONS OF SALES

1. INTRODUCTION

The present terms and conditions apply to the offers, sales and deliveries of services managed by System Plus Consulting except in the case of a particular written agreement.

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As a rule, all information handed by customers to system Plus Consulting are considered as strictly confidential.

A non-disclosure agreement can be signed on demand.

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11. APPLICABLE LAW

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If the dispute cannot be settled out-of-court, the competent Court will be the Tribunal de Commerce de Nantes.