

# SIMETAL

AC - DC CONVERTERS

**elpra sa**  
power electronics



## Features:

- Isolated output
- Low EMI
- High efficiency
- Short circuit proof
- Overload protection
- Input overvoltage protection
- Filtered input
- Large input capacitance to bridge short grid outages
- Soft start

**ELPRA SA**

INDUSTRIAL AREA OF THERMI

PO BOX 355 THERMI 57001

THESSALONIKI GREECE

TEL NO +30 2 310 464 022

FAX NO +30 2 310 464 607

[www.elpra.com](http://www.elpra.com)

# SIMETAL

DC - DC CONVERTERS

# elpra sa

power electronics

---

## Electrical characteristics:

- Input : 115 V AC / 230 V AC +- 10 %
- Output : 24 Volt dc 5 A +- 0,5 %  
Or any other voltage on command
- Efficiency: > 80 % at nominal current.
- Ripple : < 40 mVolt p-p at nominal current.
- Protections: Total short circuit protection.  
Output overvoltage protection at 27 VDCV  
Internal thermal protection at 100<sup>0</sup> Celsius
- Overload: 1,4 I nominal.
- Fuses: Thermal fuses both at the input and output side.
- Temperature: Working temperature from -5 to 60<sup>0</sup> Celsius
- Isolation: >1,5 Kvolt between primary and secondary circuits
- Indicators: green led identifying power OK

**ELPRA SA**

INDUSTRIAL AREA OF THERMI

PO BOX 355 THERMI 57001

THESSALONIKI GREECE

TEL NO +30 2 310 464 022

FAX NO +30 2 310 464 607

[www.elpra.com](http://www.elpra.com)