



**BAMER**

POWER  
SUPPLIES  
and DC-DC  
CONVERTERS



## Configurable/Medical



- 100W to 1500W output power
- 1 to 16 separate output voltages
- Single-phase, wide-range input
- Broad range of output voltages 1.2V to 62Vdc
- Filter option with low leakage current for medical applications
- Cooling with integrated fans or external airflow
- Safety approvals for internal use
- Fast time to market
- Easy to configure with our engineers
- Combining outputs in parallel (for increased current or N+1 redundancy) and series (for increased output voltage) is possible with many of the product ranges.

## Chassis mount



- Lifetime warranty available
- 5 to 2500W output power
- Single phase wide range input 85 – 265Vac
- Double/Triple peak power capability
- Power factor correction meets EN61000-3-2 class A harmonics
- Enclosed or open frame case style
- Safety meets EN/IEC/UL 60950-1 standard. CE marked for Low Voltage Directive
- Medical approval certifications are available

## Rack mount



- 19" rack with hot-swap power modules – up to 10kW in 1U
- Modules have integrated ORing MOSFETs for redundant operation
- Parallel operation between racks with active current sharing for higher output power levels
- 12V, 24V, 32V and 48V outputs for bus-voltages in distributed power architecture
- Optional PM-bus I<sup>2</sup>C interface for status monitoring and control

## DIN-Rail

- Efficiency up to 94% – NEW DRF-Series
- Output voltages from 5V to 48V are available
- Power range from 10W to 1000W with convection-cooling
- Single-phase and three-phase input
- Plastic cases for low-power units up to 100W, metal-cases for higher output power
- Flat shape for wall-mount cabinets
- Slim shape for industrial cabinets
- UL 508 Listed
- DC/DC-Converters up to 60W for DIN-Rail



## PCB mount/Open frame

- 5 to 1500W output power
- Single phase wide range input 85 – 265Vac
- Standard 2"x 4" and 3"x 5" standard footprint
- Low profile and PCB mounting are available
- Flexibility for different cooling concepts
- Single/Double/Triple/Quad output voltages
- Medical approval certifications
- U bracket and L bracket versions available



## DC-DC Converters

### Features DC-DC Converters

- Galvanic isolation between input and output
- Power range from 1.5W to 700W
- Convection cooling, conduction cooling with baseplate or forced air cooling
- Input voltage ranges 2:1 or 4:1
- Nominal input volts 5V, 12V, 24V, 48V, 110V, 280V

### Features Point of Load Converters

- High efficiency, SMT or through hole mounting
- Very fast transient response time
- Supply of logic voltages below 5V at the load

### Features bidirectional DC/DC Converter EZA 2500

- Grid voltage 320Vdc nominal, (300-380Vdc)
- Battery voltage 48Vdc nominal, (36-60Vdc)
- High efficiency up to 94.6% in booth directions
- Power: 2500W in 1U 19" rack mount



## External/Desktop/Wall Mount

- Fully enclosed plastic case
- Plug and play - no input range setting or output voltage adjustment required
- IEC mains input connection
- DC output cable and connector
- ErP, CEC and EISA compliant models
- DTM series suitable for medicale equipment





### CHI SIAMO:

**BAMER** è un'azienda specializzata nella fornitura di prodotti elettronici e di automazione per i settori industriale e medicale.

### LA NOSTRA FILOSOFIA:

**BAMER** fornisce prodotti tecnologicamente avanzati di costruttori nazionali ed internazionali leader riconosciuti nel proprio settore. L'aggiornamento costante dei prodotti ci permette di garantire alte prestazioni tecniche ed eccellenti qualità delle forniture.

### KNOW HOW:

**BAMER** offre molteplici soluzioni tecniche ed opera in stretto contatto con uffici tecnici e progettisti. Grazie alla ventennale esperienza del proprio team, è in grado di consigliare concretamente nella scelta delle soluzioni più adatte alle Vostre esigenze.

### WHO WE ARE:

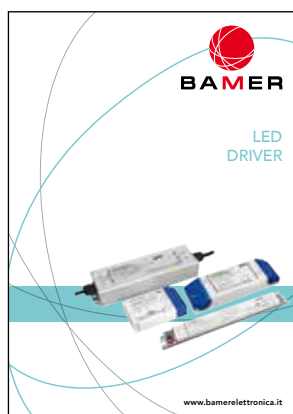
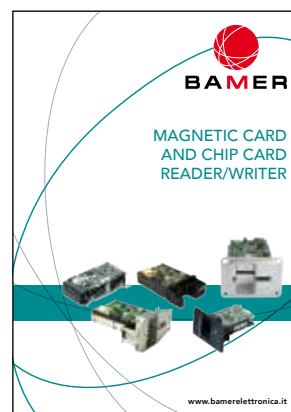
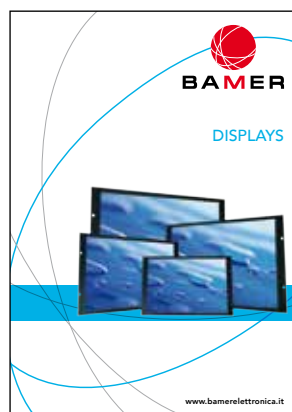
**BAMER** is a company specializing in supplying electronic products and automation systems for industrial and medical applications.

### OUR PHILOSOPHY:

**BAMER** provides technologically advanced products of domestic manufacturers and recognized international leader in its field. The constant updating of products allows us to ensure high technical performance and excellent quality of supply.

### KNOW HOW:

**BAMER** offers many technical solutions and work closely with technical departments and designers. With twenty years of experience of its team, is able to advise specifically in selecting the most suitable for your needs.



# BAMER

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