

Product Overview

Bel Power Solutions & Protection

Front-End Products

- Model Range from 300 W to 3600 W
- AC-DC and DC-DC Inputs
- 12 V to 48 V Outputs
- Normal and Reverse Airflow
- Power Density over 40 W/in³
- Very High Efficiency up to Titanium
- Digital or Analog Current Share
- Variety of Mounting Styles

Rack Power & Data Center Solutions

- 12 Vo AC-DC Solutions up to 21.6 kW
- 48 Vo AC-DC Solutions up to 24 kW
- 12 Vo DC-DC Solutions up to 18 kW
- 12 Vo High Voltage DC Input Solutions
- Variety of AC and DC PDU's
- Controller for Shelf to Data Center Communication
- Power Management Bus Communication

Open Frame Products

- Model Range from 40 W to 600 W
- Variety of Single and Multiple Outputs
- Universal Input 90 - 264 VAC
- High Power Density and Efficiency
- Operation Temperature -20°C to 70°C
- Industrial and Medical Applications

Modular Products

- AC Input up to 440 Hz
- Output Voltages 1.5 to 54 VDC
- Up to 1600 W / 12 Outputs
- Up to 6 Isolated Output Slots, fully user Configurable
- Single and Dual Output Modules

Linear Regulators

- AC Input Voltage Range 100 – 264 V
- Output Voltages 5, 12, 15, 24, 28, 48 V
- Single, Dual and Triple Output Models
- 100% Burn-In
- Low Output Ripple and Noise
- OVP Options Available

Enclosed Products

- Single or 3-phase Input Voltage Range
- Scalable Output Power up to 50.4 kW
- Adjustable Output Voltage Range
- Single, Dual or Multiple Outputs
- Active Power Factor Correction (PFC)
- Industrial & Broadcasting Applications

DIN Rail Products

- Wide AC Input Range (1 / 2 / 3 phase)
- DC Input up to 750 VDC
- Output Ranges (36-205 VDC) Adjustable
- Output Power from 15 W to 2400 W
- Variety of Back-up & Redundancy Units
- Compact Size

Product Overview

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Compact PCI



- AC or DC Input Voltages with PFC
- Output Power up to 550 W
- 3U or 6U Configurations
- 4 High Current Outputs
- Remote Sense Lines
- Flexible Load Distribution



Rugged Cassettes



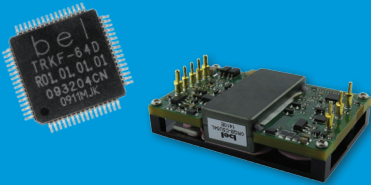
- Wide Inputs for 12 – 220 V Batteries
- Universal AC Input Range
- Conformally Coated
- Convection Cooled for Temperatures -40°C to +71°C
- Full I/O Protection and Filters
- Wide Range of Accessories Available
- Tested and Approved for Railway
- Immune to Extreme Harsh Conditions



Rugged Board Mount Power

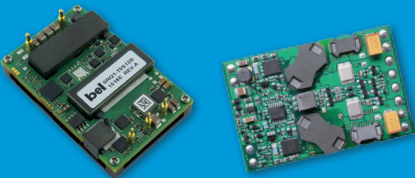


- Wide Input Voltage Ranges 7-154 VDC, platforms with 10:1 Ratio
- Output Voltages 3.3-54 V (Single / Dual)
- Wide Operating Temperature Ranges
- Excellent Immunity to Environmental Conditions
- Mounting Kits Available



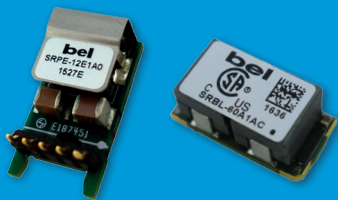
Digital Power

- Digital Power System (DPS) Controller Controls Up to 6 Power Blocks
- Digital PID Loops
- On-Board Power Management I²C
- Sequencing and Timing Logic Control
- Fault Detection and Reporting
- Configurable via Serial Interface / Power Management Bus Communication



Isolated Board Mount Products & Filters

- Sixteenth to Half Brick Form Factors
- Ultra Wide (10:1), Wide (4:1) or Narrow (2:1) Input Ranges
- Through Hole and Surface Mount
- Output Voltages 0.5 VDC to 160 VDC
- Remote On / Off
- Industry Standard Pin-Outs & Footprint
- Power Management Bus Communication



Non-Isolated Board Mount Products

- Industry Standard Packages
- Wide Input Voltage Ranges
- Exceptional Thermal Performance in High Temperatures
- Programmable Output Voltages
- Compensation-Less COT Control
- Power Management Bus Communication



Auxiliary Drives (Converters, Inverters, Inverter Chargers)

- Up to 15 kW of Output Power
- Input Voltages Range 240-430 VDC or 400-900 VDC
- Full Galvanic Input - Output Isolation
- CAN Bus Serial Interface
- Liquid or Convection Cooling
- Adaptable to Various HVIL Connectors
- Wide Operational Temperature Range



bel POWER SOLUTIONS & PROTECTION

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