

New 3U natural cooled 1.2 kW 19" Rack Power Supply

Zentro Elektrik announces the new **ZTR** Series of high reliability power supplies with the outstanding feature that it can continuously deliver 600 W and 1200 W of peak power repeatedly for up to 60 seconds. These single-output AC-DC power supplies in a very compact package are suitable for stand alone or distributed power architectures. Because its high efficiency, it is **natural cooled** and is very compact in size and allows one to **fit 3 x 600 W (peak 1200 W) units in one full 3U 19" rack**. These supplies are ideal for applications requiring reliable 24 V or 48 V DC bulk power. With an universal input of 85 to 265 V AC, an active PFC front-end and with the output voltage & current limit being user adjustable too, allows it to be easily used in a variety of applications, including battery charging, communications, factory automation, test/measurement, robotics and broadcast/RF amplifiers. Operating **efficiencies reach up to 93%** minimizing heat dissipation and simplifying system cooling issues and thus allowing operation in temperatures ranging from **-10 to +70°C**.



All models include remote sensing, Over-voltage/ Over-current/Over-temperature protection, LED indicators for DC-OK or Fail conditions and isolated fault signalization as standard. Further these power supplies can be used individually or up to 3 units can be connected in parallel for high power or N+1 redundant power systems by incorporating built-in ORing Diodes/FETs.

Optional features include, independent TTL compatible alarm signalization for Over-voltage/ Over-current, Over-temperature protection & DC-OK; User adjustability of both output voltage and output current limit with external 0-5 V DC control voltage and independent analog signalization proportional to output voltage, output current and internal temperature.

Besides being EMC compliant to EN55022-Class B, they can withstand input surges, fast transients and conducted & radiated RF fields without any degradation in performance. The ZTR series are certified to EN 60950-1, 2nd Edition, safety requirements and carries the CE Mark. Harmonic correction meets the EN61000-3-2 standard and the power supplies are backed by a three-year (3 yr) factory warranty

About Zentro Elektrik

Zentro Elektrik is a 60-year-old leading electronics company based in Germany. Our current product line includes AC/DC converter, DC/DC converter, DC_UPS systems, Battery chargers, Laboratory Power Supplies, Electronic DC-Loads, Inverter, Programmable AC-load.

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