

Five new RoHS Compliant DC/DC converters boosts choices

Torrance (CA), July, 2008 - Martek Power announced 5 new series of highly efficient DC/DC power converters, which are specially designed to address the application needs for data communication equipment, mobile battery driven equipment, distributed power systems, telecommunications equipment, mixed analog/digital subsystems, process/machine control equipment, computer peripheral systems and industrial robot systems.

The 200WFR series are fully isolated DC/DC converters in a low-profile SIP package. Measuring 0.86" X 0.36" X 0.44", the 200WFRs feature a rated output power of 2W, precisely regulated single outputs of 3.3V, 5V and 12V and typical full-load efficiency up to 81 percent. Available in 5, 12, 24 and 48 VDC Inputs and 2:1 input range, the 200WFRs are priced at \$8.70 per unit for volume orders.

The 200LFR series 2 watt single and dual power modules are designed to provide low output ripple, and tight regulation in a low-profile 1.25" x 0.8" x 0.4" 24 pin DIP package. The series consists of 20 models with input voltages of 5V, 12V, 24V and 48V, and offers regulated output voltages of 3.3V, 5V, 12V, 15V, $\pm 5V$, $\pm 12V$ and $\pm 15V$. The 200FRs are priced at \$7.55 per unit for volume orders.

Also new are **the 200WFS series** of cost-effective 2 watt single and dual output DC/DC converters in an ultra-miniature "gull-wing" SMT package. 13 models operate from input bus voltages of 5V, 12V and 24V; producing output voltage levels of 5V, 12V, ± 5 , $\pm 12V$ and $\pm 15V$ for a wide choice. With many standard features such as 1000VDC input/output isolation, 2:1 Input range and remote on/off control, the units are priced at \$6.50 per unit for volume orders.

The 200VFI series is a family of cost effective 2 watt single and dual output DC/DC converters with 18 models that operate from input bus voltages of 5V, 12V and 24V; producing output voltage levels of 5V, 12V, 15V, $\pm 5V$, $\pm 12V$ and $\pm 15V$. Measuring 1.25" x 0.8" x 0.4", the models feature short circuit protection, 4000VAC input/output isolation and built-in PI filter. The 200VFIs are priced at \$11.75 per unit for volume orders.

The 1500UFR series is a family of low-noise single and dual DC/DC converters. Packing up to 15 watts of power into a 2" x 1" x 0.4" package with efficiency up to 86%, the series offer ultra wide input ranges of 9-36VDC, 18-75 VDC and 4:1 input range, and are available in output voltages of 3.3, 5, 5.1, 12, ± 12 or $\pm 15VDC$. The 1500UFR are priced at \$20.20 per unit for volume orders.

All new models are available in RoHS compliant version. Lead time is stock to 6 weeks ARO. For more information contact Martek Power at (310) 202-8820 or visit us at <http://www.martekpower.com>.