

## Sager Power Systems Product Showcase – January 2020

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### RECOM RAC03-K Series AC/DC Converter

RECOM Power's RAC03-K series are the smallest 3 watt solution on the market. These modules deliver an output power of 3 watts from -40°C to 60°C and 2 watts up to 80°C. Despite such a high power density and small footprint, the RAC03-K series is a complete solution supporting Ecodesign Lot 6 standby mode operation for worldwide



### MEAN WELL Harsh Environment HEP-1000 Power Supply

1000W industrial AC/DC power supplies designed to operate under highly humid, oily, dusty, and high-vibration harsh environments. These power supplies feature built-in three-stage programmable charging curves on the charger side for constant current, constant voltage, and floating charge capabilities. The HEP-1000 power



### SL Power Quad Output 130W GB130Q

GB130Q 130W Quad Output are medical power supplies with digital control and monitoring for more precise in-system operation. The GB130Q features a screw-less design with no top-side heatsink, allowing for a more automated assembly. This design also increases reliability and cost-effectiveness.



### Phihong 36 Watt Desktop PPL36U Series

Phihong PPL36U Desktop AC Adapters feature DOE level VI efficiency compliance and Class B EMI with 50Hz to 60Hz AC input frequency. These adapters include a non-vented/spill-proof case that complies with UL/IEC62368-1 safety standards. The PPL desktop AC adapters operate at 0°C to 40°C temperature range with 20% to

applications in automation, industry 4.0, IoT, household, and home automation.

**Features:**

- 1 inch<sup>2</sup> footprint for the tiniest 3 watt module
- Standby mode optimized (Ecodesign Lot 6)
- No load power consumption <150mW
- Operating temperature range: -40°C to 80°C
- Household IEC/EN60335
- EMC compliance without external components

[More info...](#)

supplies offer high-efficiency up to 96%, 10G anti-vibration capability, and built-in active PFC function.

**Features:**

- Fanless and fully-potted design for harsh environment
- Cooling by free air convection
- 90~305VAC full range input
- Withstand 10G vibration test
- Protections : Short circuit / Overload / Over voltage / Over temperature
- Dimension (L x W x H) : 310 x 144 x 48.5 mm

[More info...](#)

**Features:**

- Digital control and monitoring
- Screw-less design with no top side heatsink
- Class B EMI with 6dB (cond.) and 3dB (rad.) margin
- Medical 4th Edition/Heavy Industrial levels of EMC performance
- Approved to Industrial/ITE (IEC/UL62368) and Medical (IEC/UL60601-1, 3rd Ed) standards
- 130W quad output power in 3" x 5" open frame form factor

[More info...](#)

80% operating humidity, and are available with output voltages from 5V to 48V. Ideal for use in networking, industrial, peripherals, and test and measurement.

**Features:**

- DOE level VI efficiency compliant
- Non-vented/spill-proof case
- Class B EMI
- UL/IEC 62368-1 safety compliance
- FCC Class B emission standards
- EN55032 Class B emission standards

[More info...](#)

In addition to our world-class standard, [modular and custom power supply solutions](#), Sager offers [interconnect](#) and [electromechanical](#) components including [thermal management](#) and [sensors](#) from leading manufacturers worldwide.



Contact a Sager Power Systems representative for more information: (866) 588-1750 or [power@sager.com](mailto:power@sager.com).

