

# REDUCE COOLING COSTS, SAVE ENERGY!



## SmartOnline™ UPS Systems with Economy Mode

Tripp Lite's energy-efficient on-line UPS Systems can simplify heat management and help reduce power consumption for data centers, storage systems, security systems, and other mission-critical applications.

### THE PROBLEM

#### Excess Heat and Lost Energy

On-line UPS systems convert incoming AC power into DC power and resynthesize it back into normal AC power, but (like any UPS), not with 100% efficiency. An on-line UPS system's efficiency rating is based on the difference between input power and output power to the supported load. The higher the rating, the "greener" the UPS.

**Example:** A typical UPS operating at 85% efficiency pulls 7058W to support a connected load of 6000W. The remaining 1058W is consumed by the UPS and exhausted in the form of radiated heat.

**The result:** 1) Excess heat in network closets and data centers. 2) Higher energy costs over the long term.

### THE SOLUTION

#### Tripp Lite Economy Mode

**Example:** A Tripp Lite SU10KRT3U operating in Economy Mode (97% efficiency) pulls 6180W to support a connected load of 6000W. Only 180W escapes in the form of radiated heat.

**The result:** 1) Significantly less heat in network closets and data centers. 2) Lower energy costs over the long term—a savings of nearly \$900 per year at .10 kWh.

Tripp Lite manufactures an extensive range of on-line UPS Systems with Economy Mode capability, offering efficiency ratings that no other manufacturer can match



#### SmartOnline Rack/Tower UPS Systems—97% Efficiency Rating

Tripp Lite Model	VA/Watts	Form Factor	Outlets	Comm. Ports	Runtime (min.)*	
					Half	Full
SU5000RT3U	5000/3500	7U	16	2 DB9	20	8
SU5000RT3UHV	5000/3500	5U	4	2 DB9	20	8
SU6000RT3U	6000/4200	9U	Hardwire	2 DB9	20	8
SU6000RT3UHV	6000/4200	6U	Hardwire	2 DB9	20	8
SU10KRT3U	10k/8000	9U	Hardwire	2 DB9	10	4
SU10KRT3UHV	10k/8000	6U	Hardwire	2 DB9	10	4

#### SmartOnline Hot-Swappable UPS Systems—97% Efficiency Rating

Tripp Lite Model	VA/Watts	Form Factor	Outlets	Comm. Ports	Runtime (min.)*	
					Half	Full
SU8000RT3U	8000/6400	6U	6	2 DB9	15	6
SU8000RT3U1TF	8000/6400	8U	18	2 DB9	15	6
SU8000RT3UHW	8000/6400	6U	Hardwire	2 DB9	15	6
SU8000RT3UN50	8000/6400	6U	6	2 DB9	15	6
SU8000RT3UN50TF	8000/6400	8U	18	2 DB9	15	6
SU8000RT3UG	8000/6400	6U	6	2 DB9	15	6
SU10000RT3U	10k/8000	6U	6	2 DB9	10	4
SU10000RT3U2TF	10k/8000	8U	30	2 DB9	10	4
SU10000RT3UG	10k/8000	6U	6	2 DB9	10	4

#### SmartOnline Modular 3-Phase UPS Systems—96% Efficiency Rating

Tripp Lite Model	VA/Watts	Form Factor	Outlets	Comm. Ports	Runtime (min.)*	
					Half	Full
SU40K	40k/32k	Tower	Hardwire	1 DB9	13	5
SU60K	60k/48k	Tower	Hardwire	1 DB9	battery pack dependent	
SU80K	80k/64k	Tower	Hardwire	1 DB9	battery pack dependent	

\* Runtimes may vary based on load characteristics and battery condition. SU60K and SU80K require external battery packs, available separately. All models feature expandable runtime capability with optional external battery packs.

#### For More Information

Contact Tripp Lite Tech Support at (773) 869-1234 • techsupport@tripplite.com  
Or Call Your Tripp Lite Sales Representative

