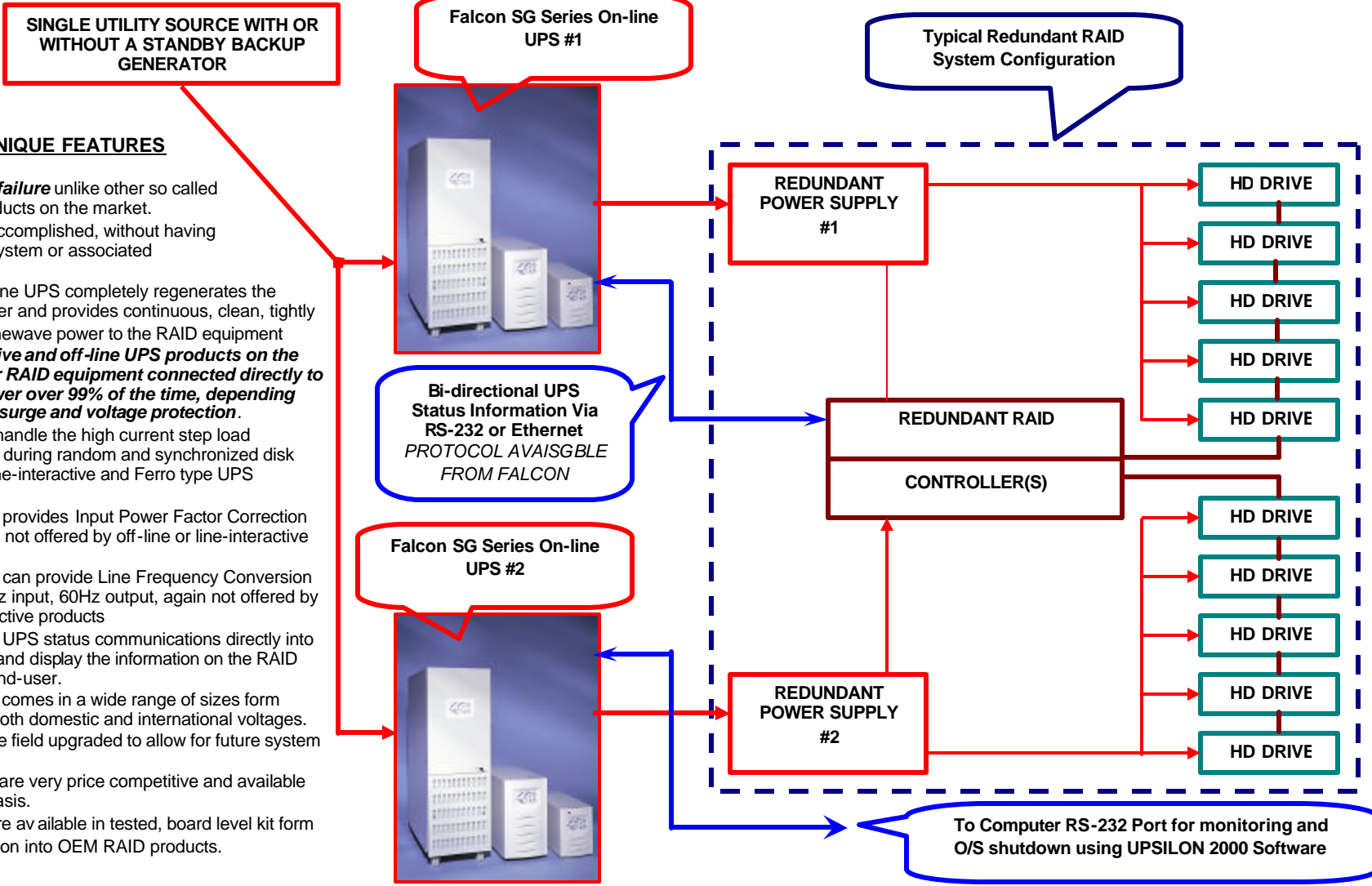




**DUAL REGENERATIVE ON-LINE UPS UNITS CONFIGURED  
IN A TRULY REDUNDANT RAID APPLICATION  
(WITHOUT ANY SINGLE POINT OF FAILURE!)**



**UNIQUE FEATURES**

- **No single point of failure** unlike other so called redundant UPS products on the market.
- Servicing is easily accomplished, without having to down the RAID system or associated computers.
- The SG Series On-line UPS completely regenerates the incoming utility power and provides continuous, clean, tightly regulated ( $\pm 2\%$ ), sinewave power to the RAID equipment **Other line-interactive and off-line UPS products on the market leaves your RAID equipment connected directly to the dirty utility power over 99% of the time, depending only on a minimal surge and voltage protection.**
- The SG Series can handle the high current step load demands presented during random and synchronized disk seeks better than line-interactive and Ferro type UPS products.
- The SG Series UPS provides Input Power Factor Correction for the RAID system not offered by off-line or line-interactive products.
- The SG Series UPS can provide Line Frequency Conversion if required, i.e., 50Hz input, 60Hz output, again not offered by off-line or line-interactive products
- OEMs can integrate UPS status communications directly into their RAID product and display the information on the RAID front panel for the end-user.
- The SG Series UPS comes in a wide range of sizes form 600VA to 6KVA in both domestic and international voltages. Some models can be field upgraded to allow for future system growth.
- SG Series products are very price competitive and available on a private label basis.
- SG Series models are available in tested, board level kit form for direct incorporation into OEM RAID products.

SINGLE UTILITY SOURCE WITH OR WITHOUT A STANDBY BACKUP GENERATOR

Falcon SG Series On-line UPS #1

Typical Redundant RAID System Configuration

Bi-directional UPS Status Information Via RS-232 or Ethernet PROTOCOL AVAISGBLE FROM FALCON

Falcon SG Series On-line UPS #2

To Computer RS-232 Port for monitoring and O/S shutdown using UPSILON 2000 Software