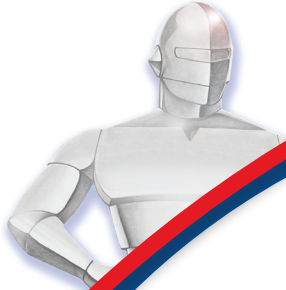


EN400 - 400VA/200W
EN600 - 600VA/300W



*EnSpire EN600 - 600VA/300W
Standby UPS*

The Minuteman® EnSpire™ Series UPS is an exciting new UPS line that provides the features needed to protect your valuable equipment in a low-cost product.

Each unit has six outlets, three provide battery support along with spike and surge protection only and three with spike and surge protection only. In addition, two of the outlets are specifically spaced to support transformer blocks.

The EnSpire UPS has a small footprint and is uniquely designed with outlets on the top for placement on or under a desk or table and both models can be wall mounted.

For over 25 years, Para Systems, Inc. has provided quality power products and excellent personalized service with direct human response to all service and support calls. EnSpire products pass extensive quality control before being shipped to our end users.

Applications

- **Small capacity equipment loads**
- **Desktop/laptop workstations**
- **Small key systems**
- **VoIP handsets**
- **Digital audio/video systems**
- **Low-power network devices**

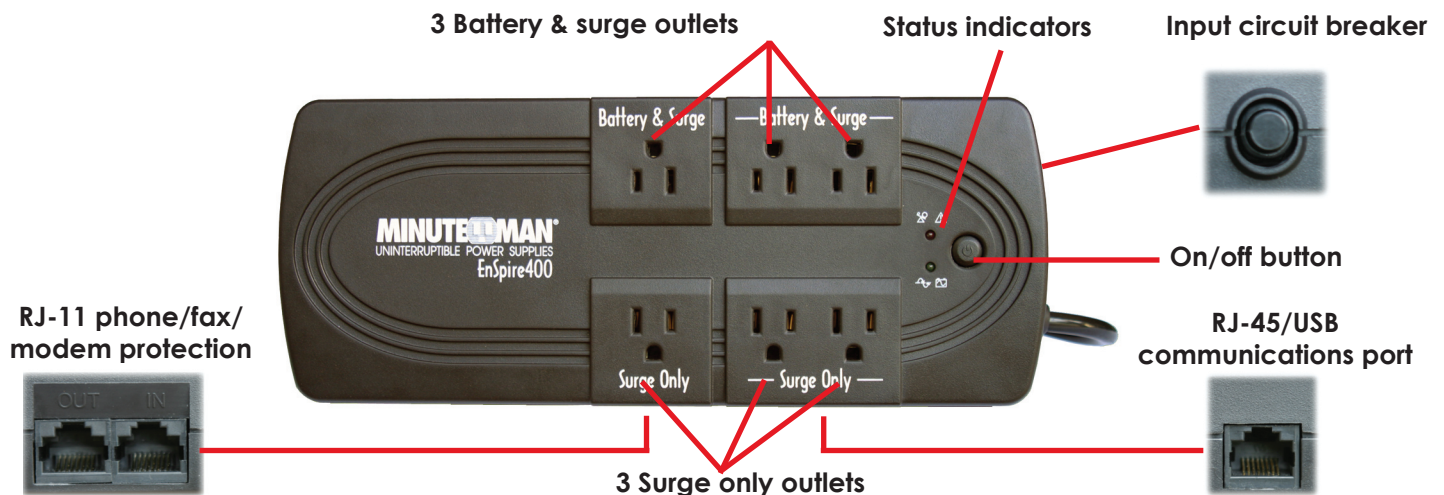
* Excludes lead acid batteries

EnSpire Features

- **USB Communications** – EnSpire UPS USB connections are automatically recognized by Microsoft Windows® software. No special USB drivers are required. The EnSpire Series automatically recognizes USB connections with its HID (Human Interface Device)-compliant USB communications.
- **Minuteman SentryPlus Software** – SentryPlus auto-shutdown and monitoring software is included with every unit. No special downloads or coupons are required.
- **Telephone/Fax/Modem Line Protection** - The EnSpire UPS provides a low cost means of protecting telephone/fax/modem lines.
- **RoHS Compliant** – All EnSpire products are manufactured using non-hazardous* materials making them safer for the environment.
- **Larger Load Capacities** – Minuteman has increased the capacities of the units allowing them to support larger power requirements.
- **Minuteman Support** - Para Systems includes full end user support that includes toll-free technical service from our headquarters in Carrollton, Texas.
- **Warranty** - The UPS is covered by a three-year parts and labor warranty and \$50,000 Minuteman Platinum Protection Plan® (U.S.A. and Canada only). The battery is covered by a two-year warranty.

Minuteman® EnSpire™ Series Standby UPS Specifications

System Specifications		
Model Number	EN400	EN600
Maximum Power Capacity	400VA / 200W	600VA / 300W
Topology	Standby UPS	
Input		
Nominal Frequency	50 or 60Hz, ±5Hz, autosensing	
Voltage Range	96 - 146VAC	
Low Voltage Transfer Point	96V (± 3%) resets to utility power at 101V (± 3%) or higher	
High Voltage Transfer Point	146V (± 3%) resets to utility power at 140V (± 3%) or lower	
Surge Energy Rating	320 J	
Input Protection	Resettable circuit breaker	
Output Non-Battery Operation		
Voltage Range	120VAC: 100 - 140VAC	
Frequency Range	60Hz: 55 - 65Hz or 50Hz: 45 - 55Hz	
Output Battery Operation		
Waveform Type	Simulated sine wave	
Nominal Voltage	120VAC	
Voltage Regulation	Nominal ±5% (until Low Battery Warning)	
Frequency	50/60Hz, ±0.5Hz (unless synchronized to utility)	
Transfer Time	6-8 ms Typical	
Overload Capacity	105% for 10-seconds, 115% Shutdown Immediately	
Protection	Over-Current, Short-Circuit Protected and Latching Shutdown	
Physical		
Size - Net L x W x H	11.97 x 4.84 x 3.35 in (304 x 123 x 85 mm)	
Weight - Net	6.44 lb (2.92 kg)	7.05 lb (3.20 kg)
Size - Shipping L x W x H	15.0 x 8.20 x 5.43 in (380 x 208 x 138 mm)	
Weight - Shipping	8.00 lb (3.30 kg)	8.00 lb (3.60 kg)
Regulatory Compliance		
Safety Approvals, EMC	UL1778, cUL (CSA 22.2 no. 107.1), FCC Class B	



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