



# OUTLINE DRAWING

## 10-80 KVA POWER SYSTEM

### TRANSFORMER ISOLATION AND MANUAL BYPASS

An optional cabinet with input and output isolation is required for any voltage without a neutral. This cabinet may also be used for applications with a neutral where complete INPUT / OUTPUT isolation is desired. This cabinet can also contain a mechanical rotary manual bypass switch used to isolate the UPS electronics enclosure for safe service while maintaining power to the load. When manual bypass is used, customer AC INPUT / OUTPUT will be made to this cabinet.

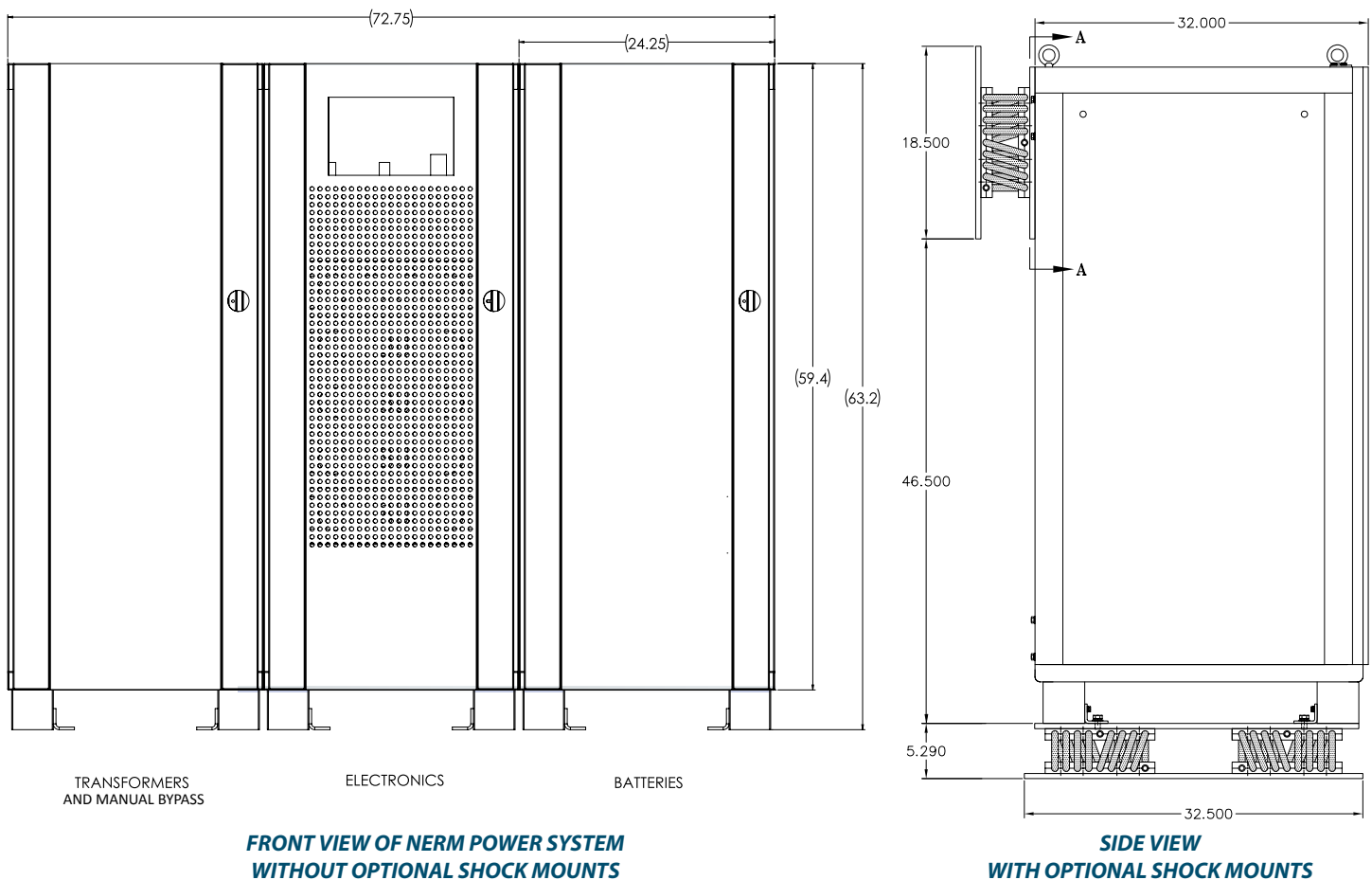
This cabinet will also contain an input circuit breaker and EMI filtering when MIL-STD-461 requirements are specified.

### BATTERY CABINET

The system batteries may be housed in a separate (matching) enclosure with a protective circuit breaker or separate racks depending on run time desired.

When the batteries are housed inside the matching enclosure, multiple strings will be used in parallel for highest redundancy. The batteries may be drawer mounted or on rails withing the enclosure.

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**FRONT VIEW OF NERM POWER SYSTEM  
WITHOUT OPTIONAL SHOCK MOUNTS**

**SIDE VIEW  
WITH OPTIONAL SHOCK MOUNTS**

CABINET	SIZE* (W x D x H)	WEIGHT - ESTIMATE (lbs)
TRANSFORMER AND MANUAL BYPASS CABINET	600mm x 900mm x 1600mm / 23.6" x 35.5" x 63"	1500 lbs (60 KVA)
UPS CABINET	600mm x 900mm x 1600mm / 23.6" x 35.5" x 63"	600 lbs (4 modules)
BATTERY CABINET	600mm x 900mm x 1600mm / 23.6" x 35.5" x 63"	800 - 1500 lbs (depends on battery selected)

\* ADD ~8" TO HEIGHT AND DEPTH WHEN SHOCK MOUNTS ARE USED

For more information, please visit us at [www.novaelectric.com](http://www.novaelectric.com) or email us at [novales@theallpower.com](mailto:novales@theallpower.com)