



NOVA ELECTRIC



POPULAR OPTIONS

- 250 W – 500+ KW
- Freestanding Enclosures
- Rack Mount Enclosures
- Custom Enclosures
- Ruggedized for Military Applications

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Rugged Portable Transformers

Freestanding, Rack Mount, And Custom Configurations

GENERAL OVERVIEW

Nova Electric's transformers are all designed and built in house to exact customer specifications from 250W to 500+KW and beyond. Only the highest quality materials are used, and customers can specify special wire or hardware requirements. Each transformer produced is made to a UL 220°C class H insulation system with HPT insulated copper magnet wire and Nomex insulation.

To protect against moisture, each transformer is varnished in a vacuum impregnation system and then finished with a durable black top coating. Each transformer also undergoes a very thorough inspection process that includes hi-pot and continuity testing, as well as visual inspection.

Transformers are available in freestanding, rack mount (with or without chassis slides and shock bull pin receptacles,) or sealed portable enclosures appropriately ruggedized for military or harsh environment applications. Connectors and other miscellaneous options can be ordered as per unique customer requirements.

Due to the "built to order" nature of these transformers, we encourage any interested customers to forward us complete details of what they require – electrical and environmental specs, space and weight constraints, quantity required, etc. – so that we may propose the most effective solution.

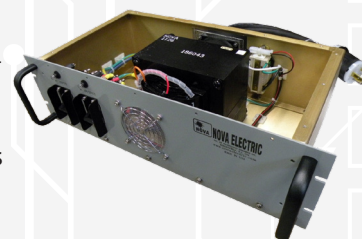
Customers are encouraged to e-mail complete specifications or call to discuss such applications with a project engineer so that we can tailor our solution to your specific needs.



Custom 3KW Freestanding Transformer with MS Connector



Rugged Portable 3.3 KW Transformer



Rugged 3U Rack-Mount Auto Transformer

The Leader In Rugged Power Conversion Technology Since 1966

*Specifications subject to change without notice.

Rev A-September-6-2020



RUGGED AC POWER SYSTEMS



SELECT UNITS QUALIFIED TO MIL-STD-810, MIL-S-901, MIL-STD-1399, MIL-STD-461, MIL-STD-167, MIL-STD-740, RTCA/DO-160, AND MORE

RUGGED TRUE ONLINE UPS



500 W – 500+ KW

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

50, 60, and 400 Hz.

PURE SINEWAVE DC-AC INVERTERS



100 W – 500+ KW

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

50, 60, and 400 Hz.

SOLID-STATE FREQUENCY CONVERTERS



100 W – 500+ KW

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

50, 60, and 400 Hz.

POWER DISTRIBUTION UNITS (PDUs)



Basic, Switched, Auto-Transfer Switching, and Metered Configurations

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

CUSTOM EMI FILTERS



For MIL-STD-461 Compliance

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

RUGGED PORTABLE TRANSFORMERS



100 W – 500+ KW

Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

EXTERNAL MAINTENANCE BYPASS SWITCHES (MBSSs)



Rack Mount, Bulkhead Mount, and Freestanding

Single and Three Phase

CUSTOM DESIGNS



Designed & Built to Spec

Integrated AC & DC Capabilities

Multiple Outputs

RELIABLE AC POWER WHEN AND WHERE YOU NEED IT SEVERE ENVIRONMENT PRODUCTS



- AIRBORNE
- SHIPBOARD
- MOBILE
- RACK MOUNT & FREESTANDING

- 50, 60, AND 400 Hz
- AIR & WATER COOLED
- SINGLE AND THREE PHASE
- LIGHTWEIGHT DESIGNS

