



POWERLOAD
— ⚡ — TECHNOLOGIES





OUR STORY

POWER LOAD TECHNOLOGIES is having a great pleasure in introducing ourselves as fast growing market leader's solutions in marketing Innovative Electrical Products since 2010. We offer to customers Electrical products like Load Bank, Battery Cabinets, Battery Racks, Accessories and all types of electrical work etc... and services that suits to Industrial, Commercial, Residential, Institutional and other custom based requirements.

Also we are a full service electrical contractor offering our customers the best in Commercial, Industrial, Institutional, and Residential service, including New Construction, Service & Renovations. With our full-time electrical excavating crews, we offer professional and safe electrical site work.

VISION

Our vision is not in selling just products but also Electrical Engineering Solutions, Maintenance Services & Etc..

MISSION

Our mission is to reduce cost per customer With effective products Meeting their needs and to perform services beyond their expectations.



SERVICES



Load Banks
Manufactures &
Installation

UPS & Battery
Sales &
Installation



All Types Of
Electrical Work



Battery Racks,
Interlinks &
Accessories

Load Bank Solutions



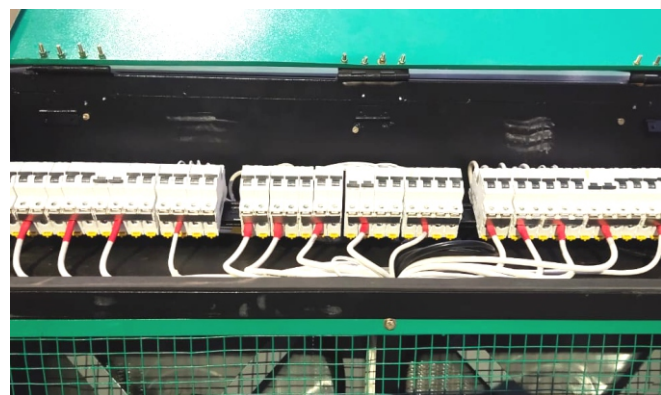
LOAD BANKS

Manufactures & Rental Services

A load bank is a piece of electrical testing equipment used to simulating an electrical load, to sustain an electrical power source without connecting it to its normal operating load. During testing, adjustment, calibration or verification procedures, a load bank is connected to the output of a power source, such as electrical generator, battery, in place of its usual load. The power is usually converted into heat by a heavy duty resistor heating coil in the load bank, and the heat is removed by a forced air cooling system by using cooling fan. The device usually also includes instruments for variable load control by using MCB's and overload protections. Our load banks made by wheel based frame and its too easy for moving from one location

Availability of load banks from 1Kw to 2000Kw, and we are providing the load banks as per rating required by customer or site. For easy movements and shifting of load banks from one location to another location we are classified the load banks into number of units which means each banks are having 1kw to 2kw, 3kw, 10kw, 20kw, 30kw, 60kw, 100kw, 125kw, 150kw and we are providing 25mtrs suitable cable with load banks.

- Performance testing of diesel generators, gas generators, wind energy generators and UPS systems.
- Efficient dump loads to energy generators for a voltage regulated output.
- Avoid wear and tear of under loaded energy generation systems
- Prolonging the life of generators, UPS and battery systems. or another location.



APPLICATIONS

- 1) Load banks are used in a variety of applications, including:
- 2) Factory testing of turbines and engine diesel generator sets
- 3) Reduction of wet stacking problems in diesel engines run at light load
- 4) Periodic exercising of stand-by engine generator sets
- 5) Battery and UPS system testing
- 6) Ground power testing
- 7) Load optimization in prime power applications
- 8) Removal of carbon build-up on generator piston rings
- 9) Load rejection tests
- 10) Data centre tests (Electricity and Air-Conditioning)

LOAD BANK TESTING

An unplanned outage is not the time to find out that your battery won't perform. Our comprehensive preventative maintenance programs are just one way to monitor the condition of your batteries. However, it is not possible to calculate battery runtime from the static readings collected during preventative maintenance visits. Capacity Testing, or Load Testing, is the only way to accurately calculate how much runtime is left in your battery system. In addition, load testing can help protect the manufacturer's warranty.

RENTAL SOLUTIONS

Our rental load bank packages offer our customers with convenient solutions for load testing. Portability, prompt delivery, quick deployment and safe operations along with connecting cables and skilled manpower make our load bank rental services a complete solution. Manufacturing Solutions AESPL's knowledge, skills and flexibility can tailor a load bank package to suit your individual needs.

Other Specifications Connecting Cables: 650/1100V, 3.5 core, Aluminium conductor, PVC insulated and steel sheathed, armored (AYFY) with lugs crimped on each end.

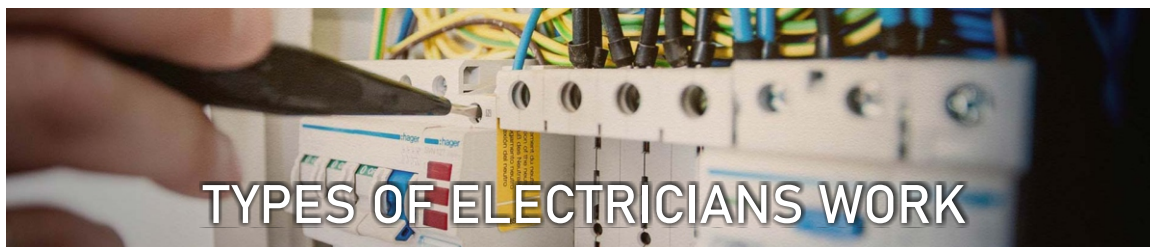




ELECTRICAL WORK

All Types Of Electrical Work

An electrician is a skilled trades person working in the construction industry who specializes in the design, installation, maintenance, and repair of power systems - and the need for these skilled workers is only growing in the US. Electricians work in a wide range of professional sectors like residential, office building maintenance, as well as commercial/industrial and residential construction.



TYPES OF ELECTRICIANS WORK

INDUSTRIAL ELECTRICIANS

An industrial electrician is tasked with installing, troubleshooting, and repairing electrical equipment within power plants, processing plants, factories, and mines.

These types of electricians work with manufacturing systems and large, complex machinery - with some technicians focussing on security and lighting systems.

As an industrial electrician, you would report to maintenance supervisors or facility managers. In most cases, you are required to have some years of apprenticeship job training under your belt prior to working in this field.

COMMERCIAL ELECTRICIAN

A commercial electrician specializes in installing, repairing, and maintaining electrical systems - with most operating in commercial buildings like offices and other workplaces.

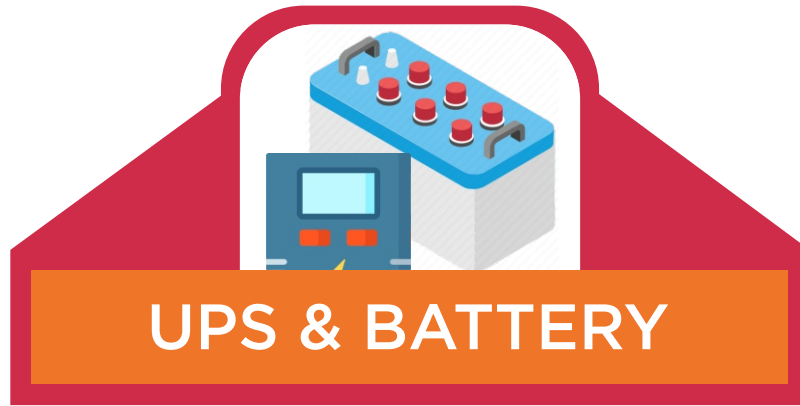
As a commercial electrician, you might also be called upon to assist in designing and planning electrical systems during the construction of new buildings. If you're the type of person to take on additional challenges, this would be ideal for you - the job frequently includes having to navigate public safety concerns and local electrical codes.

If you have an entrepreneurial spirit, you can also venture out as an independent electrical contractor and go on to start your own business, hiring additional electricians underneath you.

RESIDENTIAL ELECTRICIAN

A residential electrician is the most common type of electrician. They are typically responsible for installing, troubleshooting, maintaining, and upgrading electrical systems - this includes equipment in residential settings like homes, apartments, and condominiums.

As a residential electrician, you'll install and repair security systems, air conditioning units, and other household appliances. Job training combines apprenticeship with formal classroom instruction, under the supervision of a Journeyman or Master electrician. You'll also need to pass state-level testing, following the completion of your apprenticeship program.



UPS & BATTERY

UPS & Battery Sales & Services

Need help choosing the right UPS and batteries for your home? Then select the best quality UPS and batteries for Power Load Technology. We will first analyse your home and commercial electrical needs and install the UPS and batteries you need with the best price.



Installing critical power equipment requires skill, precision and expertise. Sure, Power provides battery installation services for flooded and Powerload Technology batteries. Our team of installation technicians are trained to meet our rigorous quality standards and all installations meet IEEE standards and manufacturer specifications / installation guidelines. We will work with you to determine all logistics for your battery installation and ensure that all of your needs are met.

An uninterruptible power supply (UPS), provides emergency power to critical equipment such as computers, servers, data communication

systems and other equipment when the main power source fails. A UPS is different from an auxiliary or emergency power system or standby generator in that it will provide near-instantaneous protection from input power interruptions, by supplying energy stored in properly maintained batteries.

After proper installation, regular maintenance and testing will ensure your company's up-time while reducing the overall cost over the life of the battery. When ON is the only option, reach out to Sure Power to speak to one of our experts today.





BATTERY RACKS

Battery Racks, Interlinks & Accessories

With the aim of reducing the cost, complexity of stationary Powerload Technology system installations, has launched a modular battery storage solution based on easy-to-carry, plug and play racks.

We come up with a new integration concept. The solution is to simplify it and find a way to turn the enclosure into a larger body of battery, which not only protects and connects to larger sites, but also makes it safer and more portable. All we want to do is look at the cost of energy for a lifetime, which will greatly reduce our logistics, carbon footprint and other environmental impacts.”

Each battery block has the same component - even blocks that contain infrastructure devices - and the same interfaces to connect them together, the blocks being "mechanically, electrically and thermally" interchangeable. This enables each project to be assembled in a variety of configurations.





POWERLOAD TECHNOLOGIES

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