

## IDEAL POWER INC.

Ideal Power (NASDAQ: IPWR) is the developer and innovator provider of its broadly patented bidirectional semiconductor power switch, creating highly efficient and ecofriendly energy control solutions for electric vehicle, electric vehicle charging, renewable energy, energy storage, UPS/data center, solid-state circuit breaker and other industrial and military applications. The Company is focused on its patented Bidirectional, Bipolar Junction Transistor (B-TRAN®) semiconductor technology. B-TRAN® is a unique double-sided bidirectional AC switch that delivers substantial performance improvements over today's conventional power semiconductors. Ideal Power's B-TRAN® can reduce conduction and switching losses, complexity of thermal management and operating cost in AC power switching and control circuitry. For more information, visit the Company's website at [www.IdealPower.com](http://www.IdealPower.com).

## CURRENT OPPORTUNITY

**Position Title:** Engineering Test Technician

**Department:** Engineering

**Location:** Austin, TX

## POSITION SUMMARY

This is an excellent opportunity for an experienced high-voltage device lab technician to contribute and fulfill his/her potential in our development and commercialization programs. This role is ideal for a careful and diligent technician with a strong sense of ownership and attention to detail. The position offers a great growth opportunity working with and learning from technical professionals.

## ESSENTIAL DUTIES

- Wafer level and packaged device testing and data collection, per engineers' instruction.
- Collaborating with Ideal Power engineers or external equipment vendors to identify, define, and solve issues on wafer and packaged level tests.
- Other common engineering tasks as assigned, such as setting up new instruments, assembling PCBs and assisting lab manager with ordering, shipping, and receiving engineering materials and lab maintenance.

## CORE SKILLS AND EDUCATION

- High school degree is necessary, and associate degree in engineering is preferred.
- At least five years' experience in a similar or related industry.

- Proficient in high voltage lab instruments such as curve tracer, source measure units, function generator, oscilloscope, power supply, digital multimeter, solder welding, and heat gun/hot plate.
- Familiar with electronics components: resistors, capacitors, diodes, inductors, transistors, ICs.
- Proficient in semi or auto wafer prober.
- Proficient in software like Microsoft Excel, PowerPoint, LabVIEW, Altium, and Keithley.
- Prefer to have but not essential: wafer fab experience.
- Prefer to have basic understanding of semiconductor devices like P-N diodes, IGBTs, MOSFETs, or BJTs.
- Keys to contribute and grow: responsible, diligent. Good communication skills.