

# Application of light emitting diode



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### An Overview of Light Emitting Diodes

Light emitting diodes (LEDs) have advanced significantly over six decades and are no longer just tiny display lights used solely as indicators. They have found a significant niche in low ...

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### What is Light Emitting Diode : Working & Its Applications

Thus, this article discusses an overview of the light-emitting diode circuit working principle and application. I hope by reading this article you have gained some basic and working information of the ...



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### LED Light: Types and Applications of Light-Emitting Diodes

Light Emitting Diodes (LEDs) have transformed the landscape of modern lighting and electronics. From tiny indicator lights on circuit boards to powerful street lamps lighting entire highways, LED ...



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### What is Light Emitting Diode :

## Working & Its Applications

The two most significant semiconductor light emitting sources extensively used in various applications are LASER diodes and LED's. The principle operation of LASER diodes is based on ...

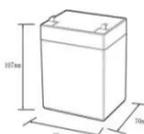


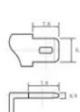
## Light Emitting Diode Basics , LED Types, Colors and Applications

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## Light Emitting Diode (LED), Applications , Abi Royen

Light Emitting Diode (LED): definition, working principle, types, applications, benefits in electronics. Discover why LEDs are the future lighting technology.





**12.8V6AH**

- Nominal voltage (V):12.8
- Nominal capacity (ah):6
- Rated energy (WH):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (a):6
- Floating charge voltage (V):13.6-13.8
- Maximum continuous discharge current (a):10
- Maximum peak discharge current @10 seconds (a):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):0-+50
- Discharge temperature (°C): -20-+60
- Working humidity: <95% R.H (non condensing)
- Number of cycles (25 °C, 0.5c, 100%doD): >2000
- Cell combination mode: 32700-4s1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):50\*70\*107mm
- Reference weight (kg):0.7
- Certification: un38.3/msds

## LIGHT EMITTING DIODE (LED): INTRODUCTION AND ...

LEDs, or Light-Emitting Diodes, are semiconductor devices that emit light when an electric current passes through them. They are widely used in various



applications ranging from lighting and displays ...

### Light Emitting Diode (LED): Principle, Advantages, and Uses

LED works by passing electricity through a semiconductor, which releases energy in the form of light. This process makes an LED highly efficient, durable, and versatile, finding its ...

Test certification  
CE FC



### LEDs (Light Emitting Diodes): Basics and Applications

There are several different types of LEDs, each designed for specific purposes: Standard LEDs - Used for indicator lights, displays, and simple applications. High-Power LEDs - Used in lighting ...

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