

**PIENAAR ENERGY (PTY) LTD**

# **Types of electromagnetic spectrum**



## Types of electromagnetic spectrum

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### The Electromagnetic Spectrum

This figure shows the bands of the electromagnetic spectrum and how well Earth's atmosphere transmits them. Note that high-frequency waves from space do not make it to the surface and must therefore ...

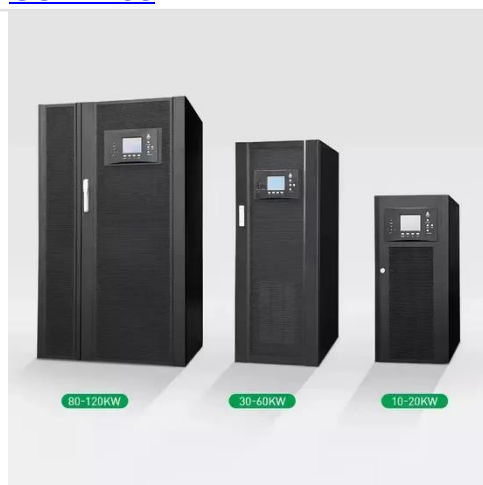
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### Electromagnetic radiation , Spectrum, Examples, & Types , Britannica

The spectrum of frequencies of electromagnetic radiation extends from very low values over the range of radio waves, television waves, and microwaves to visible light and beyond to the ...



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### Electromagnetic Spectrum

Learn about the range of all types of EM radiation, from radio waves to gamma rays, and how they are measured and detected. Find out how the ...

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## Electromagnetic spectrum

The spectrum is divided into separate bands, with different names for the electromagnetic waves within each band. From low to high frequency these are: radio waves, microwaves, infrared, visible light, ...

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## Electromagnetic spectrum , Definition, Diagram, & Uses , Britannica

The entire electromagnetic spectrum, from the lowest to the highest frequency (longest to shortest wavelength), includes all radio waves (e.g., commercial radio and television, microwaves, ...

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## Electromagnetic spectrum

In the 1860s, Maxwell developed a comprehensive theory of electromagnetism, unifying the previously disparate fields of electricity and magnetism into a single, coherent framework.

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## Electromagnetic (EM) Spectrum

The electromagnetic (EM) spectrum



spans many types of radiation, from long-wavelength radio waves, through infrared, visible, and ultraviolet "light" and gamma rays and x-rays.

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## Electromagnetic (EM) Spectrum

Learn about the electromagnetic spectrum, the range of energy types that travel as particles or waves. Find out how to group them by wavelength and frequency, and wh...



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## 4.2: The Electromagnetic Spectrum

Scientists call this range the electromagnetic spectrum, which they have divided into a number of categories. The spectrum is shown in Figure 5.6, with some information about the waves in each part ...

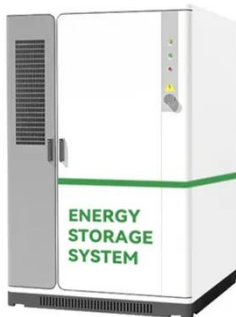
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## Electromagnetic Spectrum Definition and Explanation

Learn what the electromagnetic spectrum is. Get the definition, diagram,

and explanation of the different forms of electromagnetic radiation.

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## Electromagnetic Spectrum

Radio waves, gamma-rays, visible light, and all the other parts of the electromagnetic spectrum are electromagnetic radiation. Electromagnetic radiation can be described in terms of a ...

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## 7 Types Of Electromagnetic Waves

Though the sciences generally classify EM waves into seven basic types, all are manifestations of the same phenomenon. Radio waves are the lowest-frequency waves in the EM ...



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