



Which provides long-term energy storage?
glycogen, because it is a polysaccharide glucagon, because it is a complex protein glucose, because it is a monosaccharide cellulose, because it is a complex carbohydrate. Don't know? Terms in this set (15) Quizlet for Schools; Parents;



Study with Quizlet and memorise flashcards containing terms like What are lipids made of?, What are lipids?, What are Fats? and others. long-term storage for energy and protects body. What are phospholipids? essential for building cell membrane. What are examples steroids? cholesterol (in cell membrane) and sex hormones.

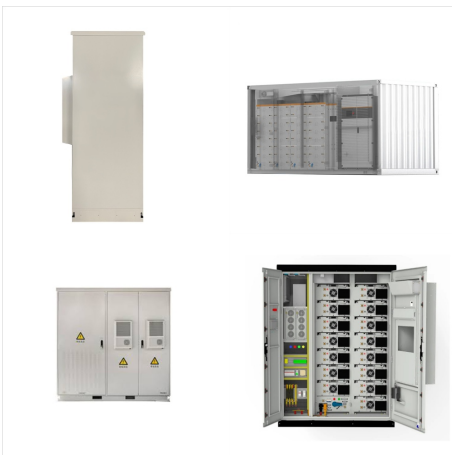


Study with Quizlet and memorize flashcards containing terms like The fiber in your diet is really A)protein B)ATP C)starch D)cartilage E)cellulose, Which of the following provided long term energy storage for plants? A)glucose B)glycogen C)starch D)cellulose E)ATP, Which of the following can serve as both a primary energy source and as a structural support for cell? ???

WHICH PROVIDES LONG TERM ENERGY STORAGE QUIZLET



Study with Quizlet and memorize flashcards containing terms like What are the 3 stages of Aerobic respiration?, Why does anaerobic respiration yield less energy than aerobic respiration?, What is the role of pyruvate under anaerobic conditions? and more. What molecule provides long-term energy storage in the body? triglyceride. What



Lipids provide long-term energy storage. Lipids include fats and oils, which are organic molecules that provide long-term storage in living organisms. They have high density and can yield more than twice the energy per gram than carbohydrates when oxidized. Lipids are composed of fatty acids and glycerol, which makes them hydrophobic.

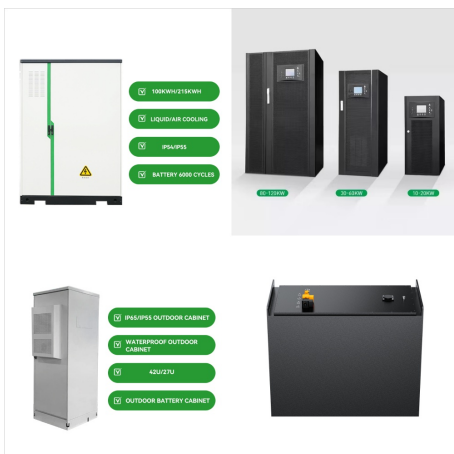


Study with Quizlet and memorize flashcards containing terms like What type of lipid do plants use for long-term energy storage?, True or false: The chemistry of carbon, with its four electrons in its outer shell, is what makes it able to form diverse organic molecules., Proteins that act as catalysts in metabolic reactions are called and more.

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Study with Quizlet and memorize flashcards containing terms like _____ are involved in binding organs together and providing support and protection., Connective tissue cells are generally separated by a(n) _____ a noncellular material that varies from solid to semisolid to fluid., The matrix typically contains fibers such as _____, which is the most common protein in the human ???



The body uses triglycerides made up of three fatty acid molecules joined to a glycerol backbone, as its main long-term energy storage molecule.. When there is an energy expenditure or fasting, they are released from their storage in adipose tissue and go through lipolysis. The primary energy currency of cells, ATP, is produced by the oxidation of fatty acids in tissues such as muscle ???



Study with Quizlet and memorise flashcards containing terms like What do carbohydrates do?, What are carbohydrates?, What are Carbohydrates made of? provide energy for a short period of time. 1 / 16. 1 / 16. Flashcards; Learn; Test; Match; Q-Chat; Created by. Winters2002. Share. short-term energy storage in animal cell (liver and muscle

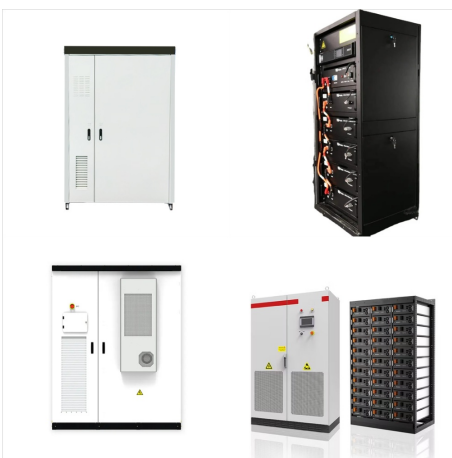
WHICH PROVIDES LONG TERM ENERGY STORAGE QUIZLET



The body can store long-term energy in triglycerides or fats.. They are a concentrated source of energy that the body can use when needed and the majority of fats are located in adipose tissues. The process of lipolysis, which breaks down triglycerides, results in the production of fatty acids. Various tissues and organs use these fatty acids as an energy source after that.



Study with Quizlet and memorize flashcards containing terms like Provides long term energy storage for animals, provides immediate energy, provides waxes and more. Scheduled maintenance: October 2, 2024 from 12:00 PM to 01:00 PM



Study with Quizlet and memorize flashcards containing terms like Which is a disaccharide? glucose fructose sucrose cellulose, In which form do plants store energy? starch glycogen chitin cellulose, Which statement best describes both insulin and glucagon? Which provides long-term energy storage? glycogen, because it is a polysaccharide

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Study with Quizlet and memorize flashcards containing terms like Which specialized carbohydrate is used for structure in shrimp?, Jada wants to eat a meal that will sustain her energy during a long run. Which of these food items is the best source of long-term energy?, Which provides long-term energy storage? and more.



provides long-term energy storage for animals. glycogen. instructions for building proteins. nucleic acids. provides immediate energy. glucose. sex hormones. steroids. provides short-term energy storage for plants. glucose. animal and plant structures. Quizlet for Schools; Parents; Language

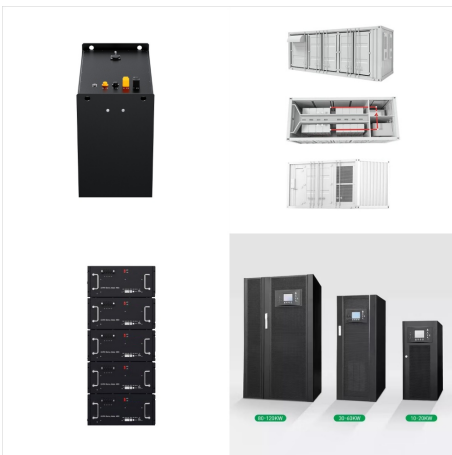


Study with Quizlet and memorize flashcards containing terms like glycogen, DNA, glucose and more. provides long term energy storage for plants. DNA. genetic material. cholesterol. steroid that makes up part of the cell membranes. glycerol. 3 carbon "backbone" of fat. glycogen.

WHICH PROVIDES LONG TERM ENERGY STORAGE QUIZLET



Study with Quizlet and memorize flashcards containing terms like provides the energized carbon needed by nearly all living things., Plant pigments absorb energy from the _____ spectrum during photosynthesis, occurs inside the chloroplast of plants. and more. build carbohydrates for long-term energy storage. The longer a wavelength of light



Study with Quizlet and memorize flashcards containing terms like) Large biological molecules are synthesized by removing: A) carbon. Which of the following provides long-term energy storage for plants? A) glucose B B) contain nucleic acids. C) have a polar end and a nonpolar end. D) are found only in animals. E) are an important energy



Compare the relative energy storage of the macromolecules. Protein- 4 calories/gram
Carbohydrates- 4 calories/gram Lipids- 9 calories/gram Nucleic Acids- 0 calories/gram List the order in which the body will consume carbohydrates, lipids, and proteins for ???

WHICH PROVIDES LONG TERM ENERGY STORAGE QUIZLET



What molecule provides long-term energy storage in the body? triglyceride. What molecule provides short-term energy storage in the body? glycogen. Why is photosynthesis important to both plants and animals? Select the TWO answers that are correct. 1) ???



Study with Quizlet and memorize flashcards containing terms like In which form do plants store energy?, Which statement about carbohydrates is true?, Carbohydrates provide energy for living things. and more. Which provides long-term energy storage? glycogen, because it is a polysaccharide. Which is a disaccharide? sucrose. Why is cellulose



Study with Quizlet and memorize flashcards containing terms like Chemical energy is one form of _____. Three important molecules in the human body function primarily in energy storage. The first type is involved with long term energy storage in adipose tissue and is known as _____. The second type, _____, is stored in the liver and muscle tissue in the form of glycogen. _____ is ???

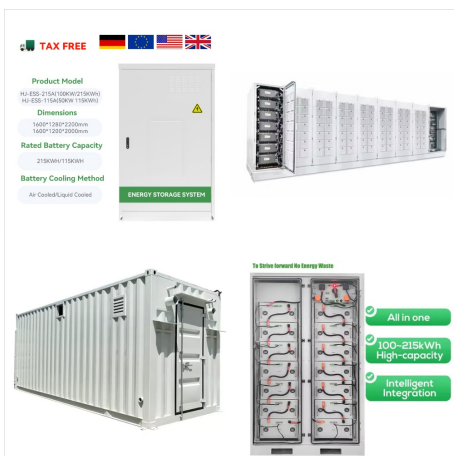
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Carbohydrates provide quick energy for a cell. How does this molecule function in cells? 1. Primary energy source (glucose) 2. Structure (cellulose) 3. Short-term storage (starch, glycogen) How do carbohydrates function? Amino Acid. Identify this ???

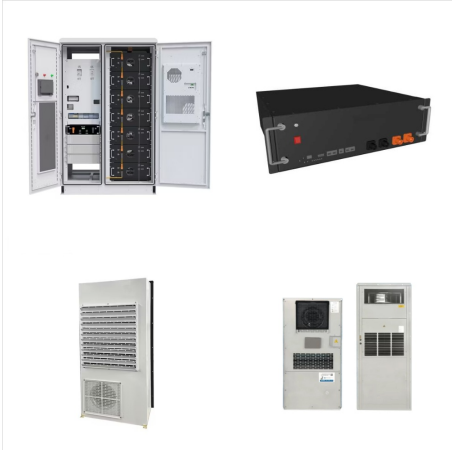


Study with Quizlet and memorize flashcards containing terms like Provides long term energy storage for animals, provides immediate energy, Sex hormones and more. Scheduled maintenance: October 2, 2024 from 07:00 PM to 08:00 PM

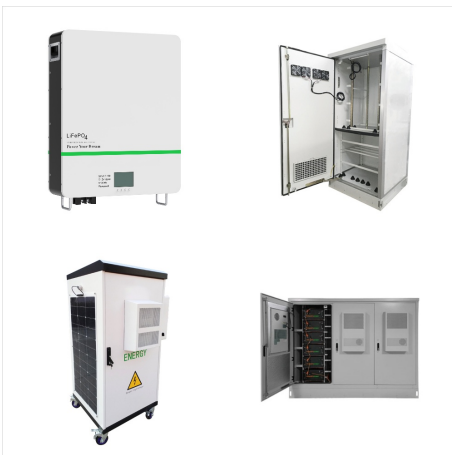


A.) to store hereditary information B.) to store energy for long-term use C.) to provide a quick supply of energy D.) to provide structure and transport materials in cells Answer: D.) to provide structure and transport materials in cells Explanation: It helps repair and build your body's tissues, allows metabolic reactions to take place and

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Study with Quizlet and memorize flashcards containing terms like ATP provides a mechanism for long-term storage of energy within a cell., Glucose is stored in the liver and muscle in the form of, Which of the following places the events of glucose catabolism in the correct order? and more.



Study with Quizlet and memorize flashcards containing terms like Which statement about carbohydrates is true?, Which provides long-term energy storage?, Jada wants to eat a meal that will sustain her energy during a long run. Which of these food items is the best source of long-term energy? and more.