

# Chapter 10

## High-Voltage Batteries

Find the words in the grid. Words can go across, down and in the two forward diagonals.

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M B T R K M J Y L K D J K X G D K Y M K Z N D N G G G M
N N N J C Z N X N H Y N M N Y M L T Y G G Z Y P M Y M F
M T Y B T X F P K L X T I L J Z K P R D J T Q E Q M N N
V L P T L X R R Y T T C N B L V Z R D C F C T W J N I I
K L G A J D C R Z N N C W C K W B Y Y T W S K W Z L C C
L J I D S T M J K A T T F M E R H T G K Y Q X O S Q K K
M B N T L S B R L Z F L D G N Z M W B S F T M R Q L E E
V X M V H V I A M X G K P M G H H T T R R O M L K S L L
Z Y Y H X I B V T L J M R C J L K N F M G S M D C Y C M
T F T B K E U T E T M B Y Y Q M E L F T K F L W Z S O A
F D Q J V P G M T B E R V P Z M C B G K K T N I H T B N
X D P I Y J X R I T A R X R E F R C K W L T P D T E A G
D B T V P T Q W R R T L Y G B D F M Z N D T K E F M L A
R C P N L L J Q B H O D A C R Z T K T C I N K H Q M T N
A Y O L G B M R X M T N R N O Q K B T X N M Z A D A A E
G B U C K T K M M F A R P K C N N H D K M K H R Z I N S
U R C L M Z N V M M Q L T H C I T R C F Z K T M J N D E
E T H X Y P Z T Y N K R L L O Q N R N M T Y V O D R A A
S K C T T Y L R Y L L T L K L S Y G O L L B D N Q E L N
S N E R M P E W H L F M M C F X P C K L K K J I L L U D
- M L H D T W R K M Q K N L R X D H J E M N M Z J A M C
O L L T T J P Y H L F T F G G K B Y A X D O K E K Y I O
- R K A V K C X M Y Q X B M S N D R T T G S D D X S N B
M V B K G M B A T T E R Y D E N S I T Y E N Z U C T U A
E N M C T N I C K E L M E T A L H Y D R I D E C L M M L
T N N V J K W G A Z N R J M H Z Z R G Q C L M R V E D T
E L E C T R I C A L D I S T R I B U T I O N S Y S T E M
R R N L C Q N K K T R G N T B N V Z X L X G D D M F Y K

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| Active balancing               | GOM                         | NiMH                 |
| Battery control module         | Guess-O-Meter               | NMC                  |
| Battery density                | Lithium iron phosphate      | Passive balancing    |
| Battery management system      | MPGe                        | Pouch cell           |
| BCM                            | NCA                         | SMRs                 |
| BMS                            | Nickel cobalt and aluminum  | System Main Relays   |
| EDS                            | Nickel manganese and cobalt | WLTP                 |
| Electrical Distribution System | Nickel metal hydride        | Worldwide harmonized |