

UNIT 10: Computer & Peripheral Equipment


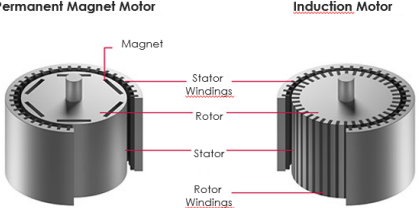

VOCABULARY




Co-funded by
the European Union



Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Education and Culture Executive Agency (EACEA). Neither the European Union nor EACEA can be held responsible for them.

Term	Description	Image
Over-the-air updates	Remote software updates sent wirelessly to devices, like electric vehicles, via the internet, enabling seamless software enhancements without requiring a physical visit to a service center.	
Asynchronous (Induction) Motor	An electric motor commonly used in electric vehicles, known for its durability and simplicity, where the rotor turns slightly slower than the rotating magnetic field produced by the stator.	
Permanent Magnet Motor	An electric motor used in electric vehicles, characterized by its high efficiency and performance due to the use of permanent magnets in the rotor.	
Engine Control Unit (MCU)	The "brain" of an electric vehicle, controlling functions such as power supply to the motor, braking, and communication with other vehicle systems.	X
Type 2	A standardized connector commonly used for AC charging in electric vehicles, particularly in Europe, facilitating moderate charging speeds and found in public charging stations.	<p data-bbox="1570 1122 1640 1146">Type 2</p> 

CCS Combo 2	A standardized fast charging connector used in electric vehicles, integrating AC and DC charging capabilities in a single connector, commonly used in Europe and North America.	CCS Combo 2 
CHAdeMO	A fast charging connector standard primarily used in electric vehicles, especially in Asian markets, enabling high-speed DC charging and widespread compatibility.	<u>CHAdeMO</u> 