



SURFACE VEHICLE INFORMATION REPORT	J1715™	SEP2022
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Superseding J1715 MAY2021		
(R) Hybrid Electric Vehicle (HEV) and Electric Vehicle (EV) Terminology		

RATIONALE

As the technology related to electrified vehicles continues to expand, new terms and definitions are being created. Some of the new terms are specific to a given technology and hence are defined in specific SAE International documents. New terminology with broader applicability has been incorporated into this version of SAE J1715. Most notable in this version is the inclusion of terms associated with: electric drive propulsion modules, charging vehicles via wireless power transfer (WPT), and vehicle grid integration (VGI) for electric power transfer and for reverse power flow (RPF) technologies.

This SAE Information Report does not contain terminology specifically related to vehicle propulsion batteries since this information is encompassed in SAE J1715/2.

FOREWORD

This document is an ongoing effort to provide the technical community with the terminology used most frequently in the hybrid electric vehicle (HEV), plug-in hybrid electric vehicle (PHEV), and electric vehicle (EV) industry.

1. SCOPE

This SAE Information Report contains definitions for HEV, PHEV, and EV terminology. It is intended that this document be a resource for those writing other HEV, PHEV, and EV documents, specifications, standards, or recommended practices.

1.1 Purpose

The purpose of this document is to provide a record of commonly used terminology established by the technical community involved with writing practices and information reports for HEVs, PHEVs, and EVs.

1.2 Field of Application

This document pertains to HEVs, PHEVs, and EVs.

1.3 Product Classification

Information report.

1.4 Product Description

Information report containing commonly used terminology in the HEV, PHEV, and EV industry.

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