On-Road Usage and Performance Summary for 2014 Smart Electric Drive Coupe VIN 7525

Reporting Period: May 2014 through April 2016

Usage and Performance Statistics¹

Overall DC electrical energy consumption (DC Wh/mi) 238
Total distance driven (mi) 12,361
Average trip distance (mi) 6.0
Percent of miles city | highway² 74% | 26%
Average ambient temperature (deg F) ---
Percent of time driven with air conditioning selected 86%
Average number of charging events per day when driven 1.3
Average distance driven between charging events (miles) 18.1
Average number of trips between charging events 5.5
Average energy discharged between charging events (DC kWh) 7.0

Distribution of Trip Distance by Trip Type¹

Distribution of Trip Energy Consumption¹

Percent of Drive Time by Operating Mode¹

Energy Consumption at Speed¹

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1. Calculated from on-board electronic data logged over 12,361 miles, which may be a subset of total lifetime miles driven.
2. Calculated based upon trip average driving speed per SAE J2841.
Battery Energy Throughput During Driving by Pack Temperature

For more information, visit avt.inl.gov