

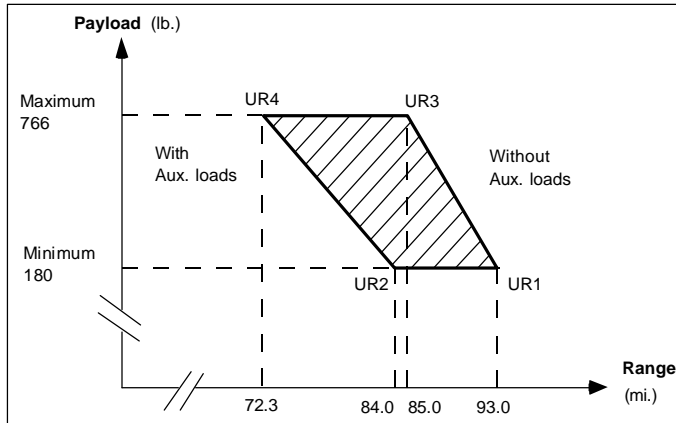
1999 TOYOTA RAV4-EV (CONDUCTIVE) PERFORMANCE CHARACTERIZATION SUMMARY

ELECTRIC TRANSPORTATION DIVISION



Urban Range

(On Urban Pomona Loop – see other side for map)

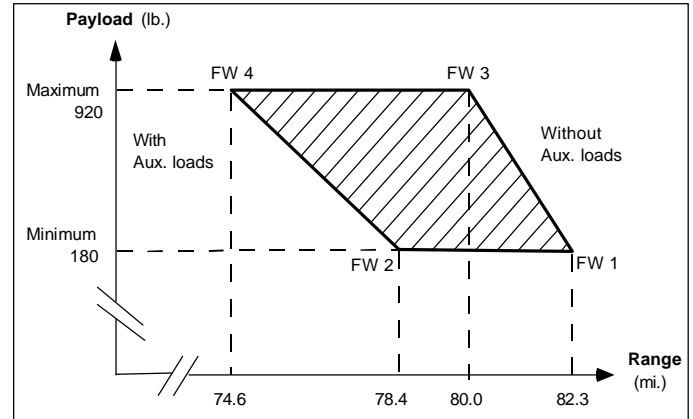


Test	UR1	UR2	UR3	UR4
Payload (lb.)	180	180	766	766
AC kWh Recharge	33.21	31.35	30.28	33.10
AC kWh/mi.	0.355	0.369	0.354	0.436
Range (mi.)	93.0	84.0	85.0	72.3
Avg. Ambient Temp.	82°F	80.5°F	72°F	83.3°F

UR1	Urban Range Test, Min Payload, No Auxiliary Loads
UR2	Urban Range Test, Min Payload, A/C on High, Headlights on Low, Radio On
UR3	Urban Range Test, Max Payload, No Auxiliary Loads
UR4	Urban Range Test, Min Payload, A/C on High, Headlights on Low, Radio On

Freeway Range

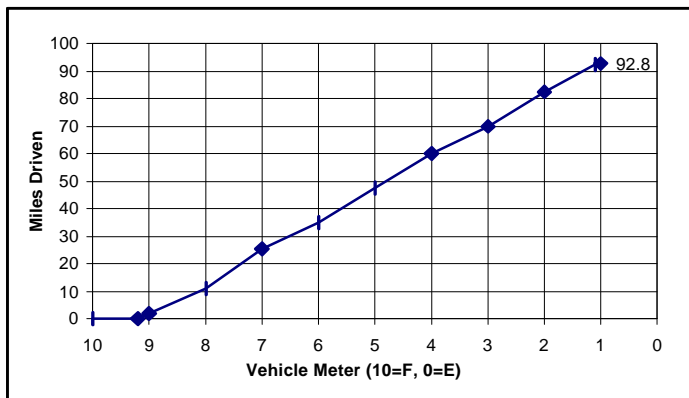
(On Freeway Pomona Loop – see other side for map)



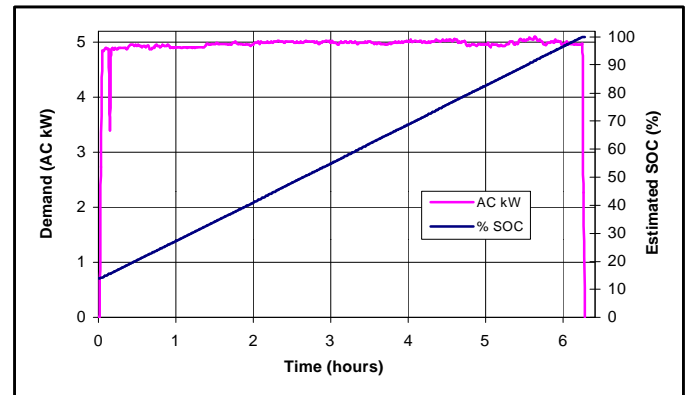
Test	FW1	FW2	FW3	FW4
Payload (lb.)	180	180	766	766
AC kWh Recharge	30.98	32.36	32.86	30.96
AC kWh/mi.	0.374	0.409	0.409	0.410
Range (mi.)	82.3	78.4	80.0	74.6
Avg. Ambient Temp.	84°F	79°F	81°F	83.5°F

FW1	Freeway Range Test, Min Payload, No Auxiliary Loads
FW2	Freeway Range Test, Min Payload, A/C on High, Headlights on Low, Radio On
FW3	Freeway Range Test, Max Payload, No Auxiliary Loads
FW4	Freeway Range Test, Min Payload, A/C on High, Headlights on Low, Radio On

State of Charge Meter (UR1)



Charger



MEASURED VALUE AT PEAK AC POWER	
Voltage	232.8 V
Current	21.20 A
Real Power	4.899 kW
Reactive Power	573.8 VAR
Apparent Power	4.935 kVA
Total Power Factor	0.99 PF
Displacement Power Factor	0.99 dPF
Voltage THD	2.1%
Current THD	2.6%