

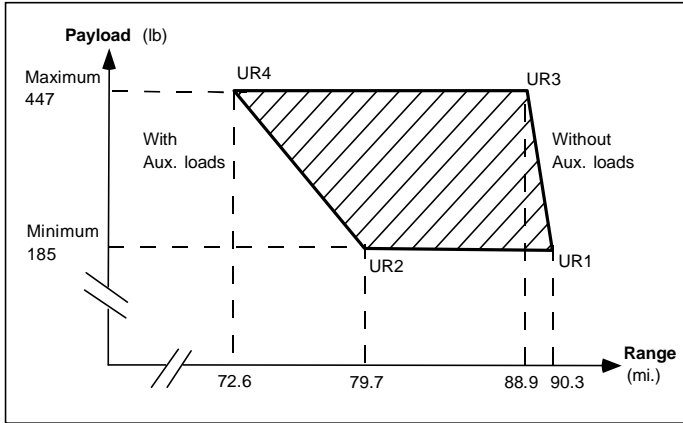
1997 GM EV1 (PANASONIC PB-A BATTERIES) PERFORMANCE CHARACTERIZATION SUMMARY

ELECTRIC TRANSPORTATION DIVISION



Urban Range

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

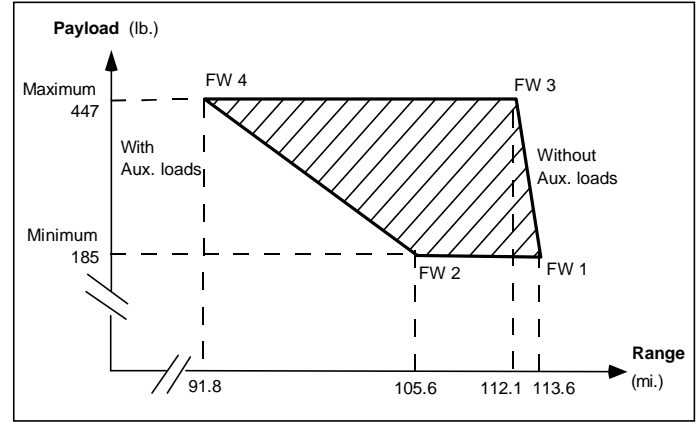


Test	UR1	UR2	UR3	UR4
Payload (lb.)	185	185	447	447
AC kWh Recharge	26.91	26.61	27.69	22.80
AC kWh/mi.	0.296	0.331	0.311	0.312
Range (mi.)	90.3	79.7	88.9	72.6
Avg. Ambient Temp.	65°F	72°F	70°F	71°F

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, Max Payload, A/C on High, Headlights on Low, Radio On

Freeway Range

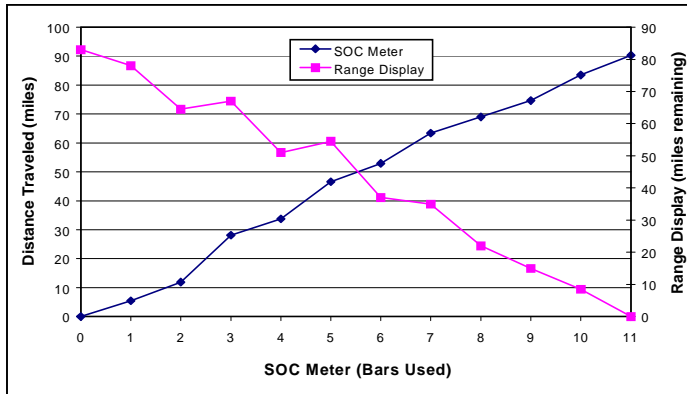
(On Freeway Pomona Loop – see other side for map)



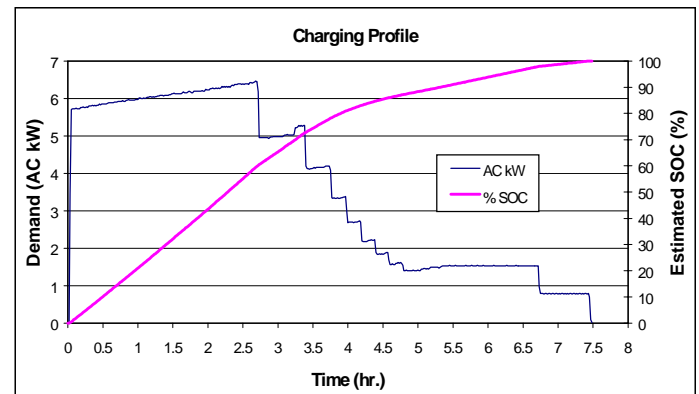
Test	FW1	FW2	FW3	FW4
Payload (lb.)	185	185	447	447
AC kWh Recharge	25.53	27.35	27.45	24.23
AC kWh/mi.	0.223	0.259	0.239	0.263
Range (mi.)	113.6	105.6	112.1	91.8
Avg. Ambient Temp.	64°F	78°F	67°F	72°F

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, Max Payload, A/C on High, Headlights on Low, Radio On

State of Charge Meter (UR1)



Charger



MEASURED VALUE AT PEAK AC POWER	
Voltage	232.3 V rms
Current	27.4 A rms
Real Power	6.3 kW
Reactive Power	0.6 VAR
Apparent Power	6.4 kVA
Total Power Factor	0.996 PF
Voltage THD	2.34%
Current THD	4.06%