

# ELECTRIC VEHICLE PERFORMANCE CHARACTERIZATION SUMMARY



An EDISON INTERNATIONAL Company

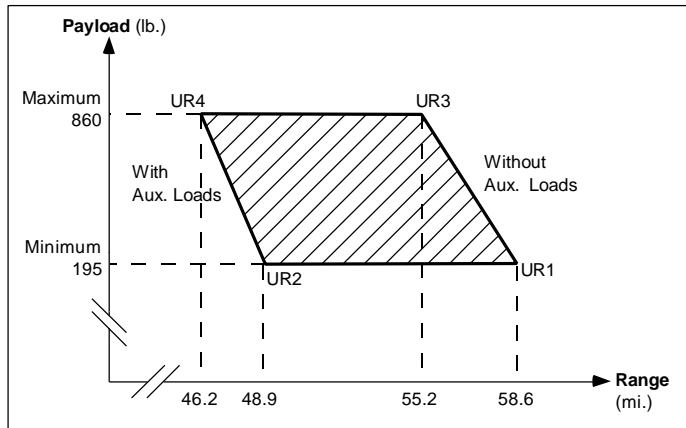
ELECTRIC TRANSPORTATION DIVISION

CHRYSLER EPIC  
LEAD ACID BATTERIES

JUNE 1997

## Urban Range

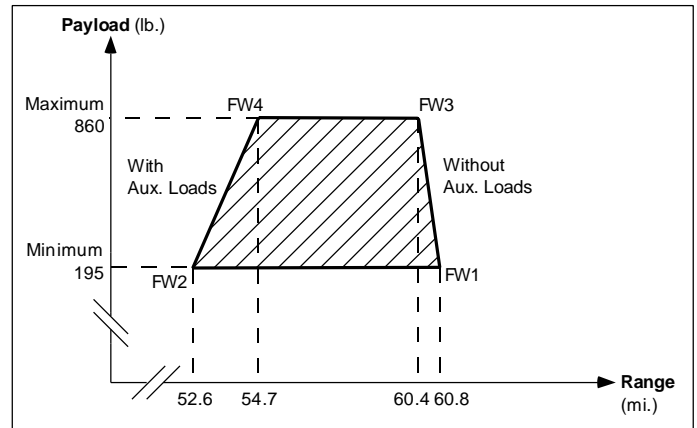
(On Urban Pomona Loop – see other side for map)



Test	UR1	UR2	UR3	UR4
Payload (lb.)	195	195	860	860
AC kWh Recharge	34.45	33.80	35.47	33.11
AC kWh/mi.	0.59	0.69	0.64	0.72
Range (mi.)	58.6	48.9	55.2	46.2
Avg. Ambient Temp.	75°F	73°F	72°F	71°F

## Freeway Range

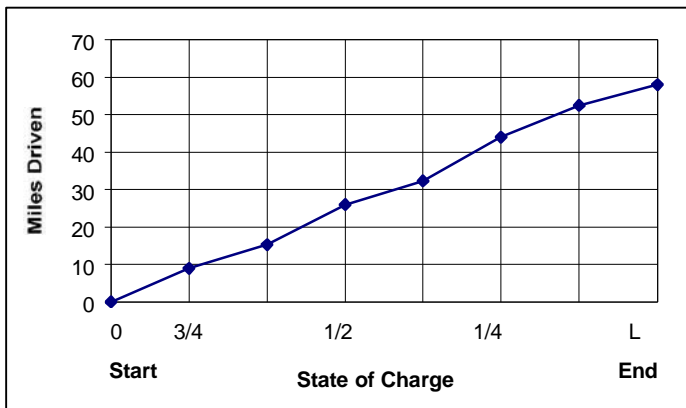
(On Freeway Pomona Loop – see other side for map)



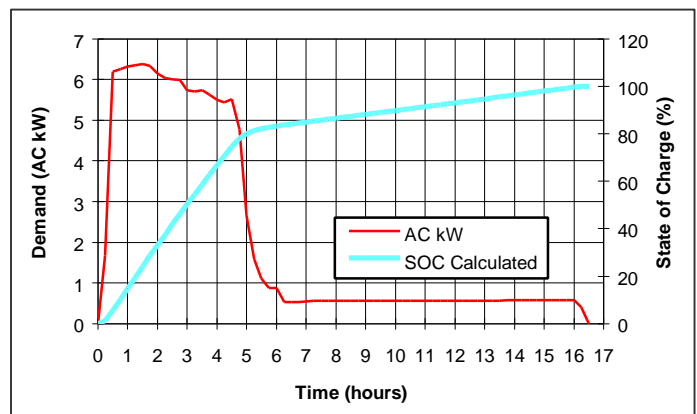
Test	FW1	FW2	FW3	FW4
Payload (lb.)	195	195	860	860
AC kWh Recharge	31.43	32.56	33.35	35.39
AC kWh/mi.	0.52	0.62	0.55	0.65
Range (mi.)	60.8	52.6	60.4	54.7
Avg. Ambient Temp.	81°F	83°F	79°F	77°F

## State of Charge Meter

(Urban Range Test)



## Charger



MEASURED VALUE AT PEAK AC POWER	
Voltage	202.6
Current	30.54 A
Real Power	6.159 kW
Reactive Power	-424.2 VAR
Apparent Power	6.190 kVA
Total Power Factor	1.00 PF
Displacement Power Factor	1.00 dPF
Voltage THD	0.5 %
Current THD	6.1 %