

# Universal Battery Test Sheet



Date: .....

	Car S/N		Customer Car #		Discharge Min.		Total AH		
	1	2	3	4	5	6	7	8	9
Battery #									
Date Code									
On-Charge V									
Ambient Temp	On-Charge Battery Set Voltage								
Maximum Cell Temp									
SpGr + Cell 1									
SpGr Cell 2									
SpGr Cell 3									
SpGr Cell 4									
SpGr Cell 5									
SpGr - Cell 6									
Discharge V									

Charger Type: ..... Converter: .....

Accessories: .....

Battery Type: ..... BFS / Hydrolink / None Fitted: .....

Additional Notes: .....

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Charger Type: ..... Converter: .....

Accessories: .....

Battery Type: ..... BFS / Hydrolink / None Fitted: .....

Additional Notes: .....

**IMPORTANT: ON-CHARGE VOLTAGE**

You must unplug and immediately re-plug the DC Cord of the charger before testing. Just after the light on the charger reaches solid green (after the fast-blinking mode), take the on-charge voltage reading of each battery AND the full set. Then disconnect the charger and proceed to the discharge test procedure. If the full set voltage is less than 60.0 volts (48 volt set), 45.00 volts (36 volt set) or 90 volts (72 volt set), wait an additional 15 minutes to determine if the maximum on-charge voltage has been reached. If the on-charge voltage continues to increase, continue charging until the maximum on-charge voltage is reached. Then record the maximum on-charge voltage.

**CRITERIA: FOR TROJAN AND US BATTERIES**

For T105 batteries, if the set discharges <60 min, replace any battery ≤ 4.5V.  
 For T145 batteries, if the set discharges <70 min, replace any battery ≤ 4.5V.  
 For T875, T8V, and US8V batteries, if the set discharges <60 min, replace any battery ≤ 6.0V.  
 For T1260 batteries, if the set discharges <50 minutes, replace any battery ≤ 10.5V.  
 For T1275 and US12VXC batteries, if the set discharge <55 minutes, replace any battery ≤ 9.0V.

**IMPORTANT: ACCESSORIES W/ CONVERTER**

If the car you are testing has electrical accessories, you MUST note if the car has a DC Converter.