

SYSTEM APPLICATION:

- Floor Scrubber
- Aerial Work Platform
- Material Handling
- Electric Vehicle/Golf Cart
- Recreational Vehicle

# Warranty Form

Date:

Customer Name			
Customer Address			
Phone Number		Email	
Distributor/Dealer		Date of Purchase	MM/DD/YY
Company Address			
Phone Number		Email	

Battery Model		Installation Date	MM/DD/YY
System Voltage		Original Runtime	HH:MM
Any additions/ adjustments since battery install date		Current Runtime	HH:MM
		Did the batteries originally come with the equipment?	YES/NO

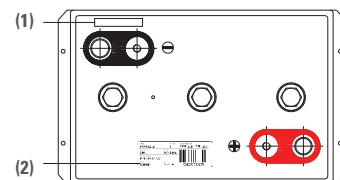
<b>EQUIPMENT/APPLICATION INFORMATION:</b>	
Make	
Model	
Equipment Serial Number	

<b>CHARGER INFORMATION:</b>			
Make			
Model			
Output	Volts		Amps
Charge Profile Setting			

AMBIENT TEMPERATURE (°C or °F): \_\_\_\_\_

Battery No.	Production Code <sub>(1)</sub>	Serial Number <sub>(2)</sub>	Open-Circuit Voltage <sub>(3)</sub>	Test Voltage <sub>(4)</sub>
1				
2				
3				
4				
5				
6				
7				
8				
Failure Mode	Low Run Time <input type="checkbox"/>	Low OCV <input type="checkbox"/>	Fail to Re-charge <input type="checkbox"/>	Dry Out/Acid Leakage <input type="checkbox"/>
	Bulging <input type="checkbox"/>			
Other: _____				

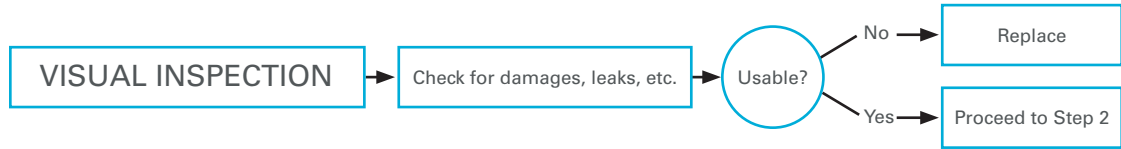
- (1) Production Code is an alphanumeric code embossed on the battery cover
- (2) Serial Number starts with "S" and follows by a 7-digit number
- (3) Open Circuit Voltage readings should be taken at least 3 hours after the batteries are fully charged. Negative lead removed.
- (4) Provide Load Voltage readings when performing Battery Load Tests (see pg.2). Provide OCV (Open Circuit Voltage) or CCV (Closed Circuit Voltage) readings if operating equipment until shut-off.



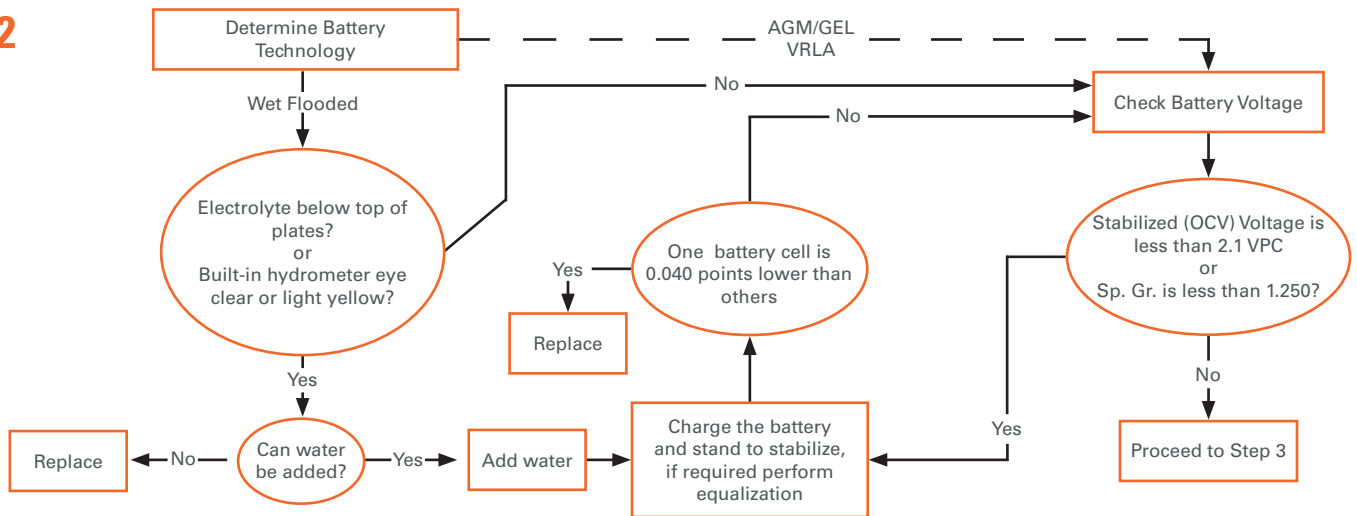
Details to your system information and user profile is mandatory to properly troubleshoot and ensure appropriate system set up. For assistance in completing non-battery related sections, please contact your system install/service technician and/or equipment manufacturer.

# Battery Troubleshooting

## STEP 1



## STEP 2

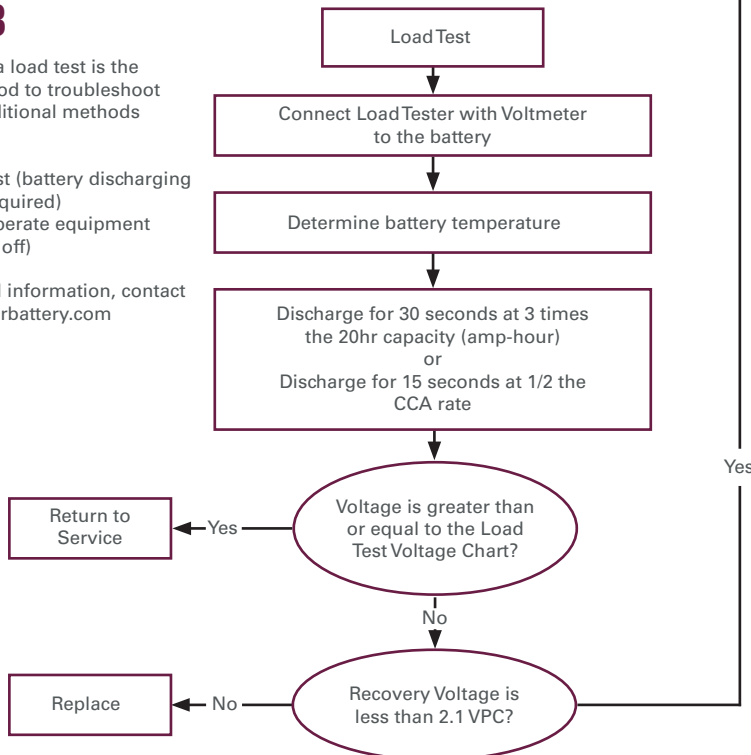


## STEP 3

\*Performing a load test is the quickest method to troubleshoot batteries. Additional methods include:

- Discharge Test (battery discharging equipment required)
- Field Test (operate equipment until shutting off)

For additional information, contact [info@discoverbattery.com](mailto:info@discoverbattery.com)



LOAD TEST VOLTAGE CHART					
Temperature		Minimum Acceptable Voltage at 15 secs			
°C	°F	12V	8V	6V	2V
48.9	120	10.10	6.73	5.05	1.68
43.3	110	10.00	6.67	5.00	1.67
37.8	100	9.90	6.60	4.95	1.65
32.2	90	9.80	6.53	4.90	1.63
26.7	80	9.70	6.47	4.85	1.62
21.1	70	9.60	6.40	4.80	1.60
15.6	60	9.50	6.33	4.75	1.58
10.0	50	9.40	6.27	4.70	1.57
4.4	40	9.30	6.20	4.65	1.55
-1.1	30	9.10	6.07	4.55	1.52
-6.7	20	8.90	5.93	4.45	1.48
-12.2	10	8.70	5.80	4.35	1.45
-17.8	0	8.50	5.67	4.25	1.42