

8 Volt Warranty Form - DEALERS ONLY U.S. Battery Manufacturing Company

Please be as exact as possible and provide as much information so we may better serve you.

Todays date:	
Month Day of Year	Serial # of equipment
Month Day of Year the month	
Purchase date of battery(s)	
	Location of Equipment
Month Day of Year the month	
First Name: the month	
Last Name:	
Address:	Location of Equipment
City: Zip:	
	Dhana # aguinment is legated
	Phone # equipment is located
Best phone number to be contacted at	
	Contact name equipment is located
Cell Phone	
Email Address	
Email Address	
Model number on battery(s) in question	
Ougatity	
Quantity	
Equipment type battery(s) are being used in	
Model # of equipment	Description of marklane Blacks had been been
Model # of equipment	Description of problem - Please be thorough







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Notice To Customers

Our warranty policy requires that you remove the battery(s) and take or ship them to the dealer designated by U.S. Battery. For an additional service charge, the dealer can arrange for removal, preparation and delivery to the dealer for evaluation.

Representative or Dealer

Below is to be completed by U.S. Battery representative or Dealer

USB Distributor Assigned
Location
Contact Name
Contact Phone #
Date Assigned: Month Day of Year

Battery Diagnostic Procedures

- Check for obvious signs of damage to terminal, container, cover, ect.
- 2.) Check electrolyte levels and add water to just above the tops of plates if necessary.
- 3.) Fully charge battery per USB charging recommendations.
- Check open circuit voltage and specific gravity of all cells.

- 5.) If a load tester is available, load test at a discharged rate in amps approximately equal to the C/20 Ah capacity for ~15 seconds.*
- For example, load test a US 200 XC at ~ 225 amps.
- If available, a 75 amp or 56 amp golf car battery tester may be used for golf car batteries. Serviceability is based on total runtime generally >50% of published specification for the discharge rate.
- If battery is not fully charged, fully charge before load testing.
- 6.) Compare OCV, Sp. Gr., and 15 seconds load voltage load voltage to chart below.
- 7.) The 'Good' category indicates the battery is serviceable.
- 8.) The 'Defective or Abused' category indicates the battery is no longer serviceable and, if still within the USB warranty period, should be submitted for warranty adjustment and possible return for examination by U.S. Battery. Determination of whether the battery has a manufacturing defect or has been subjected to abuse generally requires more extensive testing and possibly teardown for failure mode analysis at the discretion of U.S. Battery.
- 9.) Batteries that fall within the 'gray areas' of the chart after fully charging, e.g. OVC between 4.30 volts and 6.15 volts or sp. gr. between 1.200 and 1.255 may have been subjected to continuous undercharge and may require multiple charge/discharge cycles to recover to a serviceable condition. This is considered abuse and the batteries are determined to be serviceable.





USB 8 VOIT Battery lest Sneet - Please be exact and thorough for each battery tested		
Fail Date:		
Month Day of Year	Ambient Terresequeture	
the month	Ambient Temperature	
	MCU Data (if applicable)	
BATTERY # 1 RESULTS BELOW	BATTERY # 3 RESULTS BELOW	
Date Code on battery (this is found near the + terminal)	Date Code on battery (this is found near the + terminal)	
Discharge Minutes/Voltage on battery #1	Discharge Minutes/Voltage on battery #3	
Cell 1:	Cell 1:	
Cell 2:	Cell 2:	
Cell 3:	Cell 3:	
Cell 4:	Cell 4:	
SG Before Charge on battery #1	SG Before Charge on battery #3	
Cell 1:	Cell 1:	
Cell 2:	Cell 2:	
Cell 3:	Cell 3:	
Cell 4:	Cell 4:	
SG After Charge on battery #1	SG After Charge on battery #3	
BATTERY # 2 RESULTS BELOW	BATTERY # 4 RESULTS BELOW	
Date Code on battery (this is found near the + terminal)	Date Code on battery (this is found near the + terminal)	
Discharge Minutes/Voltage on battery #2	Discharge Minutes/Voltage on battery #4	
Cell 1:	Cell 1:	
Cell 2:	Cell 2:	
Cell 3:	Cell 3:	
Cell 4:	Cell 4:	
SG Before Charge on battery #2	SG Before Charge on battery #4	
Cell 1:	Cell 1:	
Cell 2:	Cell 2:	
Cell 3:	Cell 3:	
Cell 4:	Cell 4:	
SG After Charge on battery #2	SG After Charge on battery #4	

USB 8 Volt Battery Test Sheet - Please be exact and thorough for each battery tested		
Fail Date:		
Month Day of Year		
Month Day of Year the month	Ambient Temperature	
	MCU Data (if applicable)	
BATTERY # 5 RESULTS BELOW	BATTERY # 7 RESULTS BELOW	
Date Code on battery (this is found near the + terminal)	Date Code on battery (this is found near the + terminal)	
Discharge Minutes/Voltage on battery #5	Discharge Minutes/Voltage on battery #7	
Cell 1:	Cell 1:	
Cell 2:	Cell 2:	
Cell 3:	Cell 3:	
Cell 4:	Cell 4:	
SG Before Charge on battery #5	SG Before Charge on battery #7	
Cell 1:	Cell 1:	
Cell 2:	Cell 2:	
Cell 3:	Cell 3:	
Cell 4:	Cell 4:	
SG After Charge on battery #5	SG After Charge on battery #7	
BATTERY # 6 RESULTS BELOW	BATTERY # 8 RESULTS BELOW	
Date Code on battery (this is found near the + terminal)	Date Code on battery (this is found near the + terminal)	
Discharge Minutes/Voltage on battery #6	Discharge Minutes/Voltage on battery #8	
Discharge Minutes/ Voltage on Battery #6	Discharge willules/ voltage on battery #6	
Cell 1:	Cell 1:	
Cell 2:	Cell 2:	
Cell 3:	Cell 3:	
Cell 4:	Cell 4:	
SG Before Charge on battery #6	SG Before Charge on battery #8	
Cell 1:	Cell 1:	
Cell 2:	Cell 2:	
Cell 3:	Cell 3:	

Cell 4:

SG After Charge on battery #8

Cell 4:

SG After Charge on battery #6