Battery Warranty Form - MUST COMPLETE ALL SECTIONS

ALL sections must be completed to be considered

Todays Date:____/____/_____

Purchase Date:____/____/_____

First Name: _____**Last Name:** _____

Address:_____**City:** _____**State:** _____**Zip:** _____

Best phone number to be contacted at:

Cell Phone:

Email:

Equipment Type:

Location of Equipment:

Address equipment is located:
Where the equipment is located

Phone:
Where the equipment is located

Contact name:
Persons name where equipment is located

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:

Phone:

Date Assigned:____/____/_____

WWW.USBATTERY.COM

Battery Diagnostic Procedures

1.) 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.

4.) 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 2000 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.

Battery Test Sheet

Please be exact and thorough for each battery tested

Fail Date:____/____/_____

Dealer/Customer:

Ambient Temperature:

MCU Data (if applicable):

BATTERY # 1 RESULTS BELOW

Battery #1: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #1:

Date Code on battery #1:

Discharge Minutes/Voltage on battery #1:

SG Before Charge on battery #1:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #1:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 2 RESULTS BELOW

Battery #2: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #2:

Date Code on battery #2:

Discharge Minutes/Voltage on battery #2:

SG Before Charge on battery #2:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #2:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 3 RESULTS BELOW

Battery #3: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #3:

Date Code on battery #3:

Discharge Minutes/Voltage on battery #3:

SG Before Charge on battery #3:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #3:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 4 RESULTS BELOW

Battery #4: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #4:

Date Code on battery #4:

Discharge Minutes/Voltage on battery #4:

SG Before Charge on battery #4:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #4:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 5 RESULTS BELOW

Battery #5: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #5:

Date Code on battery #5:

Discharge Minutes/Voltage on battery #5:

SG Before Charge on battery #5:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #5:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 6 RESULTS BELOW

Battery #6: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #6:

Date Code on battery #6:

Discharge Minutes/Voltage on battery #6:

SG Before Charge on battery #6:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #6:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 7 RESULTS BELOW

Battery #7: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #7:

Date Code on battery #7:

Discharge Minutes/Voltage on battery #7:

SG Before Charge on battery #7:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #7:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 8 RESULTS BELOW

Battery #8: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #8:

Date Code on battery #8:

Discharge Minutes/Voltage on battery #8:

SG Before Charge on battery #8:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #8:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 9 RESULTS BELOW

Battery #9: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #9:

Date Code on battery #9:

Discharge Minutes/Voltage on battery #9:

SG Before Charge on battery #9:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #9:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 10 RESULTS BELOW

Battery #10: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #10:

Date Code on battery #10:

Discharge Minutes/Voltage on battery #10:

SG Before Charge on battery #10:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #10:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 11 RESULTS BELOW

Battery #11: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #11:

Date Code on battery #11:

Discharge Minutes/Voltage on battery #11:

SG Before Charge on battery #11:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #11:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

BATTERY # 12 RESULTS BELOW

Battery #12: Battery Type:
(example: US 2200 XC)

Specific gravity of battery #12:

Date Code on battery #12:

Discharge Minutes/Voltage on battery #12:

SG Before Charge on battery #12:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	

SG After Charge on battery #12:

Cell 1:	
Cell 2:	
Cell 3:	
Cell 4 (8 & 12 volt only):	
Cell 5 (12 volt only):	
Cell 6 (12 volt only):	