

FAQ

1. Q: Can the battery be replaced with a locally purchased battery?
A: The sealed lead-acid battery used inside this fixture is a standard 12V, 24Amp hrs battery. This exact battery can be found easily for replacement in the field.
2. Q: Does the battery have a low-voltage disconnect feature to avoid over discharging (and damaging) the battery?
A: The WELLTM has a low-voltage protection feature which is set at 10V. When 10V is reached the fixture will power-off and must be recharged ASAP in order to avoid permanent damage to the battery.
3. Q: What will happen if I try to run the WELLTM in low-voltage protection mode (LED power indicator is yellow)
A: When the WELLTM is in low-voltage protection mode, the fixture should not be turned back on until it has been recharged. If you are in low-voltage protection mode, do not turn the fixture off if you plan to continue use. If during operation the power status indicator changes to red, this indicates that the fixture will not power-up at the next start-up and the fixture must be charged ASAP.
4. Q: Why should the battery be stored with a full load?
A: Lead-acid batteries are excellent at maintaining their storage capacity when stored with a full electrical load. When lead-acid batteries are stored empty, or close to empty, their storage capacity will slowly be depleted. Always store the WELLTM fully charged with the battery storage switch in the power-off position.
5. Q: Why does the WELLTM include a battery storage switch?
A: With battery-powered fixtures like the WELLTM, there is a power ON/OFF button at the top of the fixture. This power ON/OFF switch is in fact a "soft" ON/OFF switch, which means even in "OFF" status there will still be a very small current flowing through part of the electronics. Over a period of several months, the remaining power in the battery will be greatly diminished. Always store the WELLTM with a fully charged battery and the storage switch in the power-off position.
6. Q: How long does a complete charge take?
A: A complete charge will vary slightly depending on the real status of the battery discharge during operation. However, a "complete" charge should take between 10-12hrs.
7. Q: How will the user know how much power is left?
A: The green power status indicator generally means that there is greater than 50% power remaining. The yellow power status indicator generally indicates 50 -10%. The red power status indicator indicates that below 10% is remaining and that the fixture will not turn on at next start-up and should be recharged ASAP.
8. Q: How can the user know when the battery is fully charged?
A: When the power status indicator has switched off, the battery is fully charged.
9. Q: Why does the flightcase need to be open during charging?
A: The flight case is installed with 6 separate battery chargers. Each of these battery chargers is protected with excess-heat and excess-current circuits. In addition to this, the flight case is fitted with a separate fuse for excess-current to avoid any electrical surges that could damage the flight case or the fixtures. In order to prevent any buildup of excess heat inside the case, the case should be left open during the charging process.

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10. Q: Are lead-acid batteries dangerous?
A: An intact lead-acid battery that has been stored and cared for properly will not cause any harm to the user or surroundings. However, as with any battery, lead-acid batteries do contain harmful chemicals and users should download a copy of the MSDS sheet from our website.
11. Q: What is the expected lifetime of this lead-acid battery?
A: The expected lifetime of the original battery included in your purchase is approximately 720 cycles.
12. Q: How should a lead-acid battery be properly disposed of?
A: In North-America, lead-acid batteries should be disposed of at specific locations for metal/chemical recycling. Requirements associated with this vary from location to location.
13. Q: What should the user do in the event of an accident?
A: The MSDS document includes detailed information about sealed lead-acid batteries and clearly explains what a user should do in the event of an accident.