

Delta-Q 36V 17A E-Z-GO Charger

FSIP P/N 23-9153610

Visual LED Display Information

LED Operation Codes:

SHORT LED flash green = less than 80% charged

LONG LED flash green = more than 80% charged

SOLID LED green = 100% charged

RED LED flash = fault code

LED Fault Code Display Information

LED Fault Code:

0-FLASH RED Light turns on briefly but nothing after that - Check for valid AC voltage.

1-FLASH RED Charge Enable Fault: Poor contact in DC connector.

2-FLASH RED Battery Voltage Fault: Battery Pack is < 27.0V or > 50.4V. Battery is too discharged or overcharged to be charged.

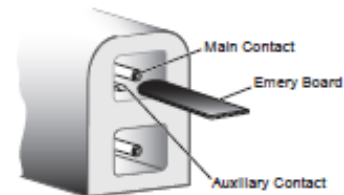
3-FLASH RED Battery Charge Timeout: Charge time 24hrs. exceeded. This may indicate a problem with the battery pack (old battery pack) or that the charger output current was severely reduced due to high ambient temperatures.

4-FLASH RED Battery Fault: Charge time exceeded. This indicates a problem with the battery pack voltage not attaining the required nominal level within tmax.

6-FLASH RED Charger Fault: an internal fault has been detected. If Fault 6 is again displayed after unplugging and then plugging the DC power cord, the charger must be brought to a qualified service center.

MAINTENANCE INSTRUCTIONS

1. For flooded lead-acid batteries, regularly check water levels of each battery cell after charging and add distilled water as required to level specified by battery manufacturer. Follow the safety instructions recommended by the battery manufacturer.
2. Make sure charger connections to battery terminals are tight and clean. Check for deformation/cracks in plastic parts. Check the charger harness for chaffing and rubbing. Inspect all wiring for fraying, loose terminals, chaffing, corrosion or deterioration of insulation.
3. Keep cooling fins free of contamination and do not expose charger to oil, dirt, mud or to direct heavy water spraying when cleaning equipment.
4. Inspect the plug of the battery charger and vehicle receptacle housing for dirt or debris. Monthly, or sooner if needed, clean the DC connector auxiliary contact. To clean the auxiliary contact, slide an emery board between main contact and auxiliary contact located in the hole of the charger plug nearest the rounded corners. (See Cleaning Contact Figure). Press emery board down to apply pressure to the auxiliary contact and slide board in and out of plug approximately 10 to 20 times, keeping pressure applied to the auxiliary contact surface. Repeat cleaning process if charger turns off while the handle is moved back and forth. If, after re-cleaning and retesting, the charger still turns off, check plug for a broken red wire in DC cord.



CLEANING AUXILIARY CONTACT