Delta-Q 48V 13A E-Z-GO Charger
FSIP P/N 23-9154810

Visual LED Display Information

LED Operation Codes:

SHORT GREEN FLASH = less than 80% charged
LONG GREEN FLASH = more than 80% charged
SOLID GREEN = 100% charged
RED FLASH = fault code

LED Fault Code Display Information

LED Fault Code:

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

ONE RED FLASH - Charge Enable Fault: Poor contact in DC connector or battery temperature fault: battery temperature is greater than 122° F (50° C) or less than 14° F (-10° C).

TWO RED FLASHES - Battery Voltage Fault: Battery Pack is less than 36.0 Volts or more than 67.2 Volts. Battery pack is too discharged or overcharged to be charged.

THREE RED FLASHES - Battery Charge Timeout: Charge time 12 hours 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.

FOUR RED FLASHES - Battery Fault: Charge time exceeded. This indicates a problem with the battery pack voltage not attaining the required nominal level within the maximum time allowed.

SIX RED FLASHES - 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.