

# 882IS Digital Weight Indicator

## IS6V2 Battery Charger Instructions

The IS6V2 battery charger instruction sheet contains important safety and operating instructions. Before using the battery charger, please read all instructions and cautionary information on the battery charger and the product using the battery.



Manuals and additional resources are available from the Rice Lake Weighing Systems website at [www.ricelake.com](http://www.ricelake.com)

Warranty information can be found on the website at [www.ricelake.com/warranties](http://www.ricelake.com/warranties)



**Do not expose the charger to rain or moisture.**

**Do not remove the cover.**

**Disconnect the charger from AC power before maintenance or cleaning.**



**Only use Rice Lake Weighing Systems approved charger for IS indicator batteries.**

**Because hydrogen gas may be present, disconnect unit from AC power before connecting or disconnecting output connectors.**



**Connections to the battery pack must be made in the non-hazardous area before connecting the cable to the 882IS indicator.**



Figure 1. IS6V2 Battery Charger

### Introduction

The IS6V2 battery charger is a typical encased power adapter that provides battery charge power at 7.35 V at 2 amps while charging and 7.0 V once the battery is fully charged.

Two LEDs indicate AC power status and charge trip point.

LED	LED Color	LED Description
AC Power Status	Green	States the charger has power from an AC source and is continually on
Charge Trip Point	Amber	Charging status: < 70% is charging and > 70% is charged and light goes off

Table 1. LED Descriptions

The dual mode (charge/float) provides rapid battery charging while preventing hazardous overcharging. In addition, the charger is ideal for optimizing battery life as it will maintain the float voltage of 7.0 V to prevent battery discharge during normal AC operation.

## Battery Charging and Operation

Charging a dead battery takes 12 hours minimum. The recommended initial battery charging time is 24 hours.

1. Disconnect the 882IS battery pack cable from the 882IS indicator.
2. Remove the battery pack from the indicator tilt stand and take to a non-hazardous area.
3. Remove the lockout device and battery cable from the battery.

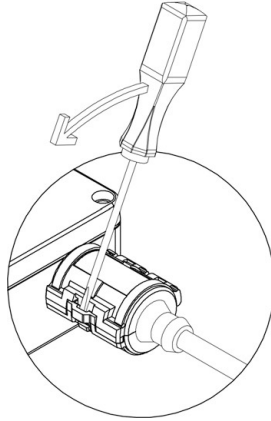


Figure 2. Remove Lockout Device

4. Plug the connector from the battery charger into the connector on the battery pack.
5. Connect the charger power cord to a properly grounded outlet supplying the correct input voltage.
6. Charge the battery.

A fully charged battery is one that has been charged for a minimum of 12 hours. The battery charger pilot lamp switches from amber color to off when the unit is approximately 70% charged. At that time, the charger switches over to a float charge mode.



### Note

**To keep the battery at full capacity, it is recommended to leave the battery connected to the charger, in float charge mode, until ready to use. The battery can remain on the charger in float charge mode indefinitely without damaging the battery. See IS6V2 Battery Charging Instruction sheet (PN 194893) for instructions on charging the battery.**



**Re-charge batteries in a non-hazardous location.**

## Specifications

### Power

Input Voltage Range: 100 - 250 VAC, 50/60 Hz, 75 VAC  
Voltage Output: 6 VDC Nominal, 7.35 VDC Charge, 7.0 VDC Float  
Maximum Output Current: 2.0 A

### Environmental

Operating Temperature: 14°F to 104°F (-10°C to 40°C)

### Compliance



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