

# 882IS Intrinsicly Safe 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)



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

**CAUTION:** Do not remove the cover.

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



**WARNING:** Only use Rice Lake Weighing Systems approved charger for Intrinsicly Safe indicator batteries.

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



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

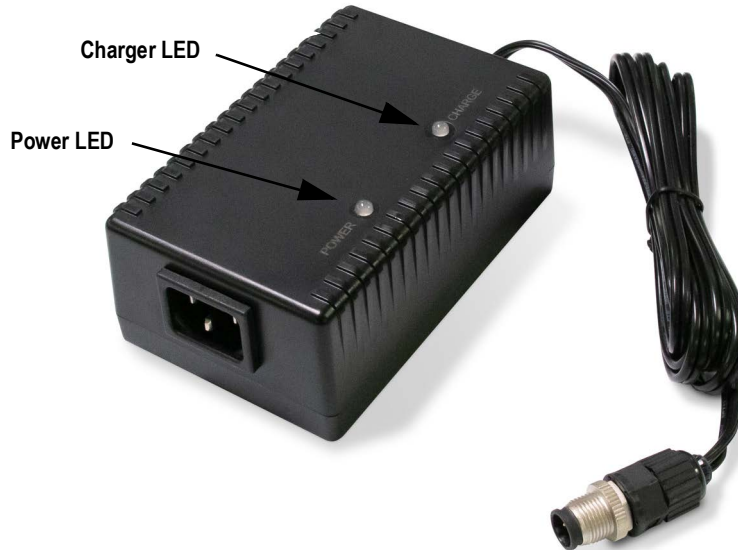


Figure 1. IS6V2 Battery Charger

## Introduction

The IS6V2 battery charger is an enclosed power adapter that provides charging power at 7.35 V and 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
Power LED	Green	States the charger has power from an AC source and is continually on
Charger LED (Multi-State LED)	Blue	Charging status: Charging
	Green	Charging Status: Float Charging
	Green (Flashing)	Charging Status: Full Charge

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



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

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.

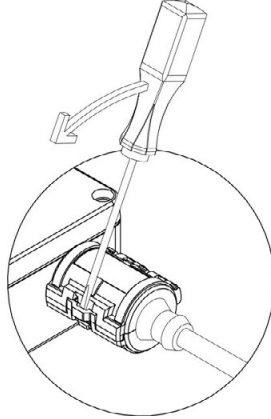


Figure 2. Remove Lockout Device

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.



**NOTE: It will take a minimum of 12 hours to charge a dead battery.**

The charger LED switches from a blue color to a green color when the unit reaches approximately 70% charged. At that time, the charger switches over to a float charge mode. The battery is considered fully charged when the charger LED is flashing green.



**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. For more information on the IS6V2 Battery, see PN 194893.**

## Specifications

### Power

Input Voltage Range: 100 - 250 VAC, 50/60 Hz, 75 VA  
Voltage Output: 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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