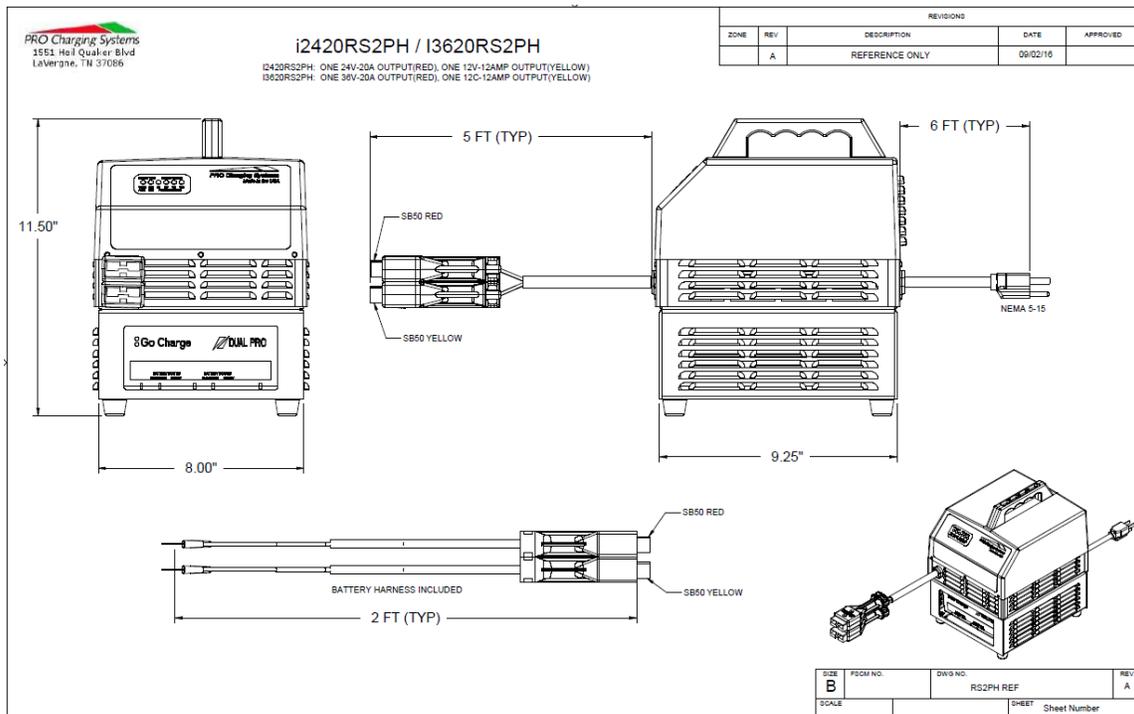


# PRO Charging Systems

## Safety, Installation and Operating Instructions

### Manual for the Following Battery Charger Models:

**I2420RS1, I3620RS1, I2420RS2 and I3620RS2 and any of these models with additional letters such as RM, LIFT, etc.**



121516-70322

**IMPORTANT NOTICE:**

Please save and read these safety, operating and installation instructions before installing or applying AC power to your Pro Charging Systems (PCS) charger. Contact technical support at PCS with any product, installation, or service questions (615.471.5300).

## INSTRUCTIONS FOR THE FOLLOWING

MODEL	AC SUPPLY	DC Output	Battery System	Battery Capacity
I2420RS1	120 volts, 60 Hertz	20 amps @ 24 volts Plus 6 amps @12 Volts	24 volt + 12 volt	75-250 ah(20hr rating)
I3620RS1	120 volts, 60 Hertz	20 amps @ 36 volts Plus 6 amps @12 Volts	36 volt + 12 volt	75-250 ah(20hr rating)
I2420RS2	120 volts, 60 Hertz	20 amps @ 24 volts Plus 12 amps @12 Volts	24 volt + 12 volt	75-250 ah(20hr rating)
I3620RS2	120 volts, 60 Hertz	20 amps @ 36 volts Plus 12 amps @12 Volts	36 volt + 12 volt	75-250 ah(20hr rating)

**These chargers are Hybrid units which combine a 24 Volt or 36 Volt Eagle Performance Series Charger with a 12 Volt Recreation Series Charger to allow a simple connection to charge appropriate systems with this combination. Please refer to both the Eagle Performance series manual and the Recreation Series manual to understand the specific function of each part of this combined charger. These chargers work independent of one another and simply share the same AC cord.**

**When connecting the wiring harness to your batteries, be sure to connect the ring terminals of the 12 Volt harness (which is connected to the Yellow SB-50 connector), to the cranking or 12 Volt battery and the 24 Volt (Red SB-50 connector) or 36 Volt (Grey SB-50 connector) to the Trolling battery pack of either 24 volt or 36 volts. Use a volt meter to determine which battery posts read 24 Volts or 36 Volts. Also, be sure to secure the SB-50 connectors in a location that assures they are not loose and subject to accumulating water or excessive vibration or exposed to impact.**

**WARNING: SB-50 contacts can become worn over time and these connectors should be inspected every time a connection or disconnection takes place to insure that they are in good working condition. Bad connections can create heat and could become a hazard.**

### LIMITED WARRANTY

Pro Charging Systems, LLC (PCS) makes this Limited Warranty only to the original retail purchaser.

PCS warrants this battery charger for three years (unless the charger is used in a Restricted Market) from the date of retail purchase against defective materials and/or workmanship. Restricted markets include markets outside of the USA, Rental applications and Heavy Industrial applications. Sometimes RM is designated in the PCS Part number when ordered, but is not part of the model number. Chargers used in Restricted Markets will have a warranty period of 18 months from the date of retail purchase against defective materials and/or workmanship. CR refers to "Certified Reconditioned" and designates a 1 year warranty.

If such defects should occur, this unit will either be repaired or replaced at the discretion of the manufacturer. It is the responsibility of the original purchaser to return the charger along with proof of purchase, transportation, and/or any mailing or handling charges prepaid to the manufacturer or its authorized representative. Chargers that are purchased more than two years beyond the date of production will automatically have a warranty start date that will be the two year anniversary of the production date.

This limited warranty is void if the product is misused, improperly maintained, handled carelessly or incorrectly operated. Additionally, this warranty is void if the charger is disassembled, the charger's charge cables are cut, the power cord is cut off, the charger is altered without authorization from PCS, the serial number is removed, or repair is attempted by anyone other than an authorized representative. PCS makes no other warranty other than this limited warranty and expressly excludes any implied warranty, including warranty for any incidental or consequential damages. This is the only expressed limited three year warranty authorized by PCS and does not authorize anyone to assume or make any other obligation towards the product other than this three year Limited Warranty. Some states do not allow limitation of incidental or consequential damages.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Please call Pro Charging Systems, LLC for full warranty information and/or service please call (615.471.5300).