



# CONTROLLERS ALLTRAX SR SERIES

## Overview

This range offers a reliable easy to install single direction DC speed controllers. With inputs ranging from 12v to 72v and continuous output currents of up to 210A they are suitable for a wide range of applications including: golf cars, pumps, motorbikes, cars, boats and utility vehicles.



## SR Series Controller Properties

Model	Peak (Amps)	2 Min (Amps)	5 Min (Amps)	Continuous (Amps)
SR48300	300/350 <sup>1</sup>	300	230	125
SR48400	400/460 <sup>1</sup>	400	300	140
SR48500	500/575 <sup>1</sup>	500	350	175
SR48600	600/690 <sup>1</sup>	600	425	210
SR72300	300/350 <sup>1</sup>	300	275	130
SR72400	400/460 <sup>1</sup>	400	300	150
SR72500	500/575 <sup>1</sup>	500	400	210

**Note:** The larger number represents the value when the "Peak Amp Mode" is enabled in the Alltrax Toolkit program.

All ratings are at 25°C, with nominal rated voltage at 50% PWM. Actual currents ratings are ±5% listed amperages.

## Series Motor Controller Key Features

- Operating frequency: 18kHz
- Controller Voltage, KSI & Reverse: SR48XXX 12-48V nom, 62V max  
SR72XXX 12-72V nom, 90V max
- Controller Operating Temp: -20°C to 75°C, shutdown @ 85°C
- Environmental Operating Temp: -20°C to 50°C
- Standby Current (Power up): <1W nom, <8W Fan on
- Standby power: <20mA
- Relay drive current: 5A peak, 1A Cont
- Throttles Supported: 0-5k, 5k-0, E-Z-GO ITS, Club Cart 5k-0 3 Wire (MCOR), 0-5v, Taylor Dunn 6v-10.5v, USB Throttle, Yamaha 0-1k, Absoute Mod
- Terminal Torque: Torque to 60-80 in.lb (5-7 ft/lb, 6.77-9.4Nm)

