



# XCT SPECIFICATIONS

---



Model	2 Min (Amps)	5 Min (Amps)	Continuous (Amps)
XCT48300	300	200	125
XCT48400	400	250	140
XCT48500	500	400	250

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

---

Type:	Shunt Motor Controller
Operating Frequency:	18kHz
Controller Voltage, KSI & Reverse:	XCT48xxx: 24-48V nom, 62V max
Operating Temperature:	-20°C to 85°C, shutdown @ 95°C
Environmental Operating Temperature:	-20°C to 50°C
Standby Current (Power up):	<1W nom, <8W Fan on
KSI & Rev Pin Input Current:	<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, Absolute Mode
Terminal Torque:	Torque bolts to 60-80 in.lb (5-7ft.lb, 6.77-9.4nm)

---



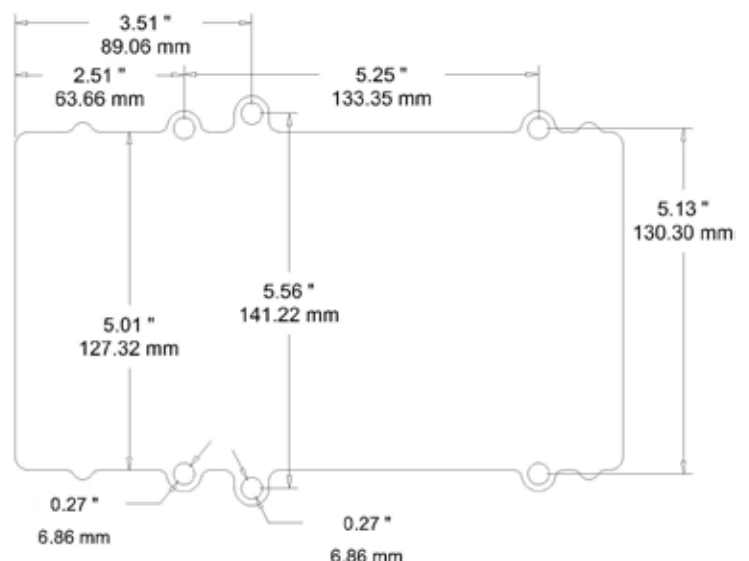


## FEATURES

- USB Programming Port to make programming the Alltrax controller easier than ever.
- Will work between 24v and 48v with a simple programming change.
- Easily adapts to new motors by a Motor Map that can be uploaded to the controller via the Toolkit Program.
- Seamless transition between motoring, plug braking and regen braking gives the smoothest drive ever.
- Battery Current Limit setting for extra protecting when using Lithium Batteries.
- On-board CAN connector for effortless communication to future Alltrax Accessories and 3rd party devices.
- Advanced heatsink thermal design and protection provides for higher instantaneous and continuous power and over temperature protect with no loss of power.
- Optional - Universal Mounting bracket to simplify the installation process of the XCT to OEM hole patterns.
- Optional - Fan Cover. Increase the continuous rating of the controller up to 30% with additional airflow across the heatsink.



## DIMENSIONS



See XCT Manual or our website for full sized drawing.

Shunt wound controllers to fit the following carts:

- **E-Z-GO:** DCS, PDS, TXT-48
- **Club Car:** PD+, IQ, i2, Excel, Precedent
- **Yamaha:** G19, G22, YDRE

Additional vehicles to be added.

*OEM? Contact Alltrax for more information and options.*