



Series Controller

CTL Family

APPLICATIONS

The CTL is perfect for use in:

- Golf Cars
- Pallet movers
- Personnel Carriers
- Forklifts
- Stackers

DESCRIPTION

SRE Controls CTL motor controllers use high efficiency MOSFET 's and offer flexible and reliable control in a variety of applications.

The CTL series of controllers provide smooth, efficient, silent and cost effective speed, torque and braking control.

SPECIFICATIONS

- Standby Current: less than 20 mA
- Frequency: 15 kHz
- Standard Throttle Input: 0-5k ohms +/- 10%
- Full power operating temperature range: -25C to 75C (controller temperature).

FEATURES

- High efficiency MOSFET's provide improvements to low end torque and range.
- Safe sequencing ensures the throttle cannot be activated accidentally.
- Full start up diagnostics
- SRO/Deadman Switching
- High pedal disable prevents controller operation if key is turned on while throttle is applied.
- Thermal protection provides over temperature protection and ensures no sudden loss of power under any thermal condition.
- Plug braking or free wheeling options



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PMC

Models

| Model | Style | Voltage | Amps | Throttle | High Pedal Disable | Plug |
|----------|--------|---------|------|----------|--------------------|------|
| CTL-2000 | 1204 | 24-36 | 275 | 0-5K | Yes | Yes |
| CTL-2100 | 1204 | 24-36 | 175 | 0-5K | Yes | Yes |
| CTL-2200 | 1204 | 24-36 | 275 | 0-5K | Yes | No |
| CTL-2300 | 1204 | 24-36 | 175 | 0-5K | Yes | No |
| CTL-2023 | 1204 | 36-48 | 275 | 0-5K | Yes | Yes |
| CTL-2500 | 1204 | 36-48 | 175 | 0-5K | Yes | Yes |
| CTL-2025 | 1204 | 12 | 275 | 0-5K | Yes | Yes |
| CTL-2700 | 1204 | 12 | 175 | 0-5K | Yes | Yes |
| CTL-2012 | 1205 | 24-36 | 400 | 0-5K | Yes | Yes |
| CTL-2001 | 1205 | 24-36 | 400 | 0-5K | Yes | Yes |
| CTL-2010 | 1205 | 24-36 | 400 | 5k-0 | No | Yes |
| CTL-2010 | 1205 | 36-48 | 350 | 0-5K | Yes | Yes |
| CTL-2022 | 1205 | 12 | 400 | 5k-0 | No | Yes |
| CTL-2030 | 1205 | 12 | 400 | 0-5K | No | Yes |
| CTL-2006 | 1204X | 24-36 | 275 | 0-5K | Yes | Yes |
| CTL-2014 | 1204X | 12 | 275 | 5k-0 | No | Yes |
| CTL-2005 | 1205X | 24-36 | 400 | 5k-0 | Yes | Yes |
| CTL-3000 | 1209 | 36-48 | 450 | 0-5K | Yes | Yes |
| CTL-3000 | 1221B | 36-48 | 500 | 0-5K | Yes | Yes |
| CTL-2012 | Star | 24-36 | 400 | 0-5K | Yes | Yes |
| CTL-2012 | Star | 24-36 | 480 | 0-5K | Yes | Yes |
| CTL-2023 | Yamaha | 36-48 | 275 | 0-5K | Yes | Yes |
| CTL-2001 | Yamaha | 24-36 | 400 | 0-5K | Yes | Yes |

System Schematic

