

ALLTRAX Inc.
(541)476-3565
Grants Pass, Oregon

ELECTRICAL SPECIFICATIONS, AXE-xxx4/5 CONTROLLERS

Type: Series DC motor controller

Operating Frequency: 18Khz

Throttle Input: 0-5K Ω / 5K Ω -0 / 0-5V / ITS

Key Input voltage: 8V – 1.5 X max battery voltage

Quiescent current: less than 75mA

Thermal cutback: begins at 75C, 95C shutdown

Programming interface: RS-232 serial to host PC running freeware Windows interface

Programmable Functions:

Throttle ramp profile, throttle response rate, plug brake on/off, plug brake current, High Pedal Disable on/off, battery under voltage and over voltage cutback

AXE MODEL #	<u>2444</u>	<u>4834</u>	<u>4844M</u>	<u>4844</u>		<u>4845</u>	<u>4855</u>	<u>4865</u>		<u>7235</u>	<u>7245</u>
Battery Voltage	12-24V	24-48V	24-48V	24-48V		24-48V	24-48V	24-48V		24-72V	24-72V
Current Limit	400A	300A	400A	400A		400A	500A	650A		300A	450A
30 Second Rating	400A	300A	400A	400A		400A	500A	650A		300A	450A
2 Minute Rating	400A	300A	300A	400A		400A	500A	650A		300A	450A
5 Minute Rating	350A	200A	200A	300A		300A	350A	400A		200A	350A
1 Hour Rating	200A	125A	125A	150A		175A	250A	250A		125A	200A
Voltage Drop @ 100A	<.10V	<.30V	<.23V	<.13V		<.18V	<.09V	<.08V		<.16V	<.11V