



An Engineered Solution

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Waterproof · Corrosion Proof · Vibration Proof  
The Leader in Performance and Durability



Golf Cars - Fork Lifts - Scissor Lifts - Boom Lifts

ELECTRICAL SPECIFICATIONS:

AXE CONTROLLERS FOR DC SERIES MOTORS

AXE MODEL #	2444	4834	4844M	4844	4845	4855	4865	7234	7245
Battery Voltage	12-24V	24-48V	24-48V	24-48V	24-48V	24-48V	24-48V	24-72V	24-72V
Curret 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
60 Minute Rating	200A	135A	135A	150A	175A	250A	250A	125A	200A
Voltage Drop @100Amp	<0.10V	<0.30V	<0.23V	<0.13V	<0.18V	<0.09V	<0.08V	<0.16V	<0.11V

Type: Series DC motor controller

Operating Frequency: 18Khz

Throttle Input: 0-5K ohm / 5K-0 ohm / 0-1K ohm / 0-5V / 6-10VDC / and ITS

Throttle Curves: Linear, Progressive, Inductive, and S-Curve

Key Switch Input voltage: 18V – nominal battery voltage

Max Voltage: 24VDC Nominal = 30VDC Max  
48VDC Nominal = 60VDC Max  
72VDC Nominal = 90VDC Max

Quiescent current (Powered up): less than 75mA

Thermal cutback: begins at 75°C, 95°C shutdown

Programming interface: RS-232 serial to host PC with 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, battery over voltage cutback, and Half speed reverse



Alltrax 300 & 400 Amp Controllers Fit Under The E-ZGO Cover With Solenoid Attached!



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Airport Tugs - Floor Scrubbers - Pump Controllers - Mining