



An Engineered Solution

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



ELECTRICAL SPECIFICATIONS:

DCX CONTROLLER FOR
SEPARATELY EXCITED DC MOTOR

Model: DCX300 / DCX400 / DCX500 / DCX600

Type: Separately Excited DC motor controller
Battery Input Voltage: 24 – 48VDC Nominal, 60VDC max
Undervoltage cutback: Adjustable, 16-30 VDC
Overvoltage shutdown: Adjustable, 30-60 VDC

DCX MODEL #	DCX300	DCX400	DCX500	DCX600
Battery Voltage	24-48V	24-48V	24-48V	24-48V
Current Limit	300A	400A	500A	600A
2 Minute Rating	300A	400A	500A	600A
5 Minute Rating	150A	210A	300A	350A
60 Minute Rating	135A	160A	250A	250A
Voltage Drop @100Amp	<0.30V	<0.10V	<0.09V	<0.08V

Field Current Limit: 30A
Operating Frequency: 18kHz
Contactor drive current: 2A max
Key (KSI), Throttle, & Reverse inputs: 12 – 48VDC Nom (60VDC Max), 15mA max
Reverse Horn Output: 50mA sink max
Standby Current: < 35mA
Throttle Input: ITS (inductive): 0-5K, 5K-0 Ohm +/-10%
Operating Temperature: -25C to 75°C, 95°C shutdown
Adjustments via software:
Throttle acceleration / deceleration rate and map profile
Armature current limit
Brake current limit
Under / Over voltage shutdown
Programmable Field Map
Top Speed & Turbo button
Half Speed Reverse



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



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Golf Cars - Fork Lifts - Scissor Lifts - Boom Lifts - Floor Scrubbers

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