



## Electric Farm Tractor Specifications

Motor -----	48V Brushless PM, 30hp Continuous, 60hp Peak
RPM -----	Maximum power at 2000 rpm, Set maximum speed 2500 rpm
Controller -----	Kelly 48V 600A
Transmission -----	4 Gears with High-Low Range, 8 Speeds
3 point lifting Actuators --	48V, 12" stroke, 1000lbs dynamic, 3000lbs static lift
Front, Mid & Rear 3 pt Hitch	Category 1, 1000lbs lift
Batteries -----	48V 13 kWh on board and exchangeable Li Fe Po4, 3000 cycle life
Charger -----	Off board 240V input 2 - 30A or 1 – 60A output.
Battery Management -----	Controls cell Maximum Charge Voltage and Maximum Discharge
48V – 12V Converter -----	50 amps
Throttle -----	0-5K potentiometer
Weight -----	Front Axle - 1100lbs, Rear Axle – 2350lbs, Total = 3450lbs
Wheelbase -----	82"
Front Tires -----	6 - 16, Radius 29"
Rear Tires -----	11.2 X 28, Radius 45"
Ground Clearance -----	18"
Length -----	120"
Width -----	52" – 78"
Height -----	94 "
Track -----	42" - 68"