



Electric Utility Tractor Specifications

Motor -----	48V PM Brushless 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 --	36 V, 12" stroke, 1000lbs dynamic, 3000lbs static lift
Power Take-Off -----	Category 1, 540 RPM with Motor at 2000 RPM
Batteries -----	30 kWh 48V Lithium ion, 3000 cycle life at 80% DOC
Charger -----	Off board 240V input 2-30 amp or 1-60 amp output.
Battery Management ----	Controls each cells Maximum Charge Voltage and Maximum Discharge
48V – 12V Converter ----	50 amps
Throttle -----	0-5K potentiometer
Weight -----	Front Axle - 1650lbs, Rear Axle – 2800lbs, Total = 4450lbs
Wheelbase -----	74"
Front Tires -----	750 - 16, Radius 30½"
Rear Tires -----	11.2 X 28, Radius 49"
Ground Clearance -----	20"
Length -----	115"
Width -----	64" – 72"
Height -----	92½"
Track -----	52" – 60"
Turning Radius	14' -18' Depending on Soil Conditions and if Inside Rear Wheel Is Locked