

















## Electric Mower Performance/Cost Comparison

PERFORMANCE		GRRReen 48v LPP130	Trojan T145 6v x 8
	<b>Durability</b>	At 80% DoD > 1,500 cycles At 70% DoD > 2,000 cycles	At 80% DoD – 460 cycles At 70% DoD – 625 cycles
	<b>Weight</b>	155 pounds	576 pounds
	<b>Output</b>	Able to complete 18 + two practice holes at 100% power	Able to complete 12 + two practice holes with power draining throughout process
	<b>Product Performance</b>	Slow aging No variance in battery performance over 2,000 cycles	Quick aging Inconsistent ability to maintain 18 + two holes per cycle, or to last 460 cycles
	<b>Battery Management System</b>	Monitors charge Monitors discharge Monitors performance across cells	No battery management
	<b>Safety</b>	100% enclosed LiFePO4 = safe chemistry	OSHA concerns Acid Toxic fumes Burns clothes and skin
	<b>Environment</b>	Clean, green and friendly No fumes Environmentally friendly disposal	Releases toxic sulfur dioxide fumes EPA hazmat worries
	<b>Innovation &amp; technology</b>	Best in class Integrated system State of the art	150-year-old technology

PERFORMANCE		GRRReen 48v LPP130	Trojan T145 6v x 8
	<b>Warranty</b>	100% for 18 months	100% for 3 months, prorated thereafter for up to 36 months, with terms varying by dealer

OPERATING COSTS		GRRReen 48v LPP130	Trojan T145 6v x 8
	<b>Battery*</b> <i>(at 2,000 cycles)</i>	\$6,600 includes BMS For one cycle: <b>\$3.25</b>	\$2,044/set x 3 = \$6,133 For one cycle: <b>\$3.07</b>
	<b>Electricity Per Cycle</b>	12.3kW x .20 cents = <b>\$2.46</b>	22.8kW x .20 cents = <b>\$4.56</b>
	<b>Maintenance</b>	<b>\$0</b>	<b>\$6.66</b> per cycle (based on 8 hours per month at \$25 per hour)
	<b>Lost productivity</b> <i>(at \$25 / hour)</i>	<b>\$0</b>	<b>\$37.50</b> per cycle (based on 1.5 hours additional labor to complete task; not including cost of equipment)
	<b>Total operating costs per cycle</b> <i>(mowing 18+ 2 holes)</i>	<b>\$5.71</b>	<b>\$51.79</b>
	<b>Total operating costs for 2,000 cycles</b>	<b>\$11,420</b>	<b>\$103,580</b>
	<b>Operating costs</b>	<b>Savings of up to 807%</b>	

(\* The GRRReen 48v LPP160 is available for an additional \$1,200, or \$.60 per cycle, with a significantly higher energy capacity. Please see the Family of LPPs for technical specs.)



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