













## Golf Cart Performance/Cost Comparison

PERFORMANCE		GRRReen 48v LPP40	Trojan T105 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>	56 pounds	496 pounds
	<b>Output</b>	Slow aging: 15 miles or 2+ rounds of golf per day with qualified charger No variance in performance over entire life cycle	Quick aging Inconsistent ability to maintain two-rounds per day and throughout life cycle
	<b>Battery Management System</b>	Monitors charge Monitors discharge Monitors uniform charge across cells	No battery management
	<b>Safety</b>	100% enclosed LiFePO4 = safe chemistry	OSHA concerns Acid Toxic fumes Burns clothes, 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

COSTS		GRRReen 48v LPP40	Trojan T105 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
	<b>Battery</b> <i>(at 2,000 cycles)</i>	One 48v LPP40 = \$2,300	\$1,346 per set at 625 cycles each, x 3 = \$4,038
	<b>Electricity</b>	3.3kW x .20 cents .66 cents per round <u>\$.66 cents x 2,000 cycles</u> = \$1,320	6.1kW x .20 cents 1.22 per round <u>\$1.22 x 2,000 cycles</u> = \$2,440
	<b>Maintenance</b>	\$0	\$40 per month x 60 months = \$2,400
	<b>Refunds</b> <i>(\$50 per round)</i>	<u>1% of 2,000 = 20</u> = \$1,000	<u>4% of 2,000 = 80</u> = \$4,000
	<b>Total cost of operations</b> <i>(2,000 cycles)</i>	\$4,620	\$12,878
	<b>Total cost of operations per cycle</b>	\$2.31	\$6.44