



ALLIED BATTERY®
— THE POWER OF LITHIUM —



Offered in:

- ▶ 36V 105Ah
- ▶ 48V 65Ah, 105Ah, 150Ah & 210Ah
- ▶ 72V 105Ah

Lithium Golf Cart Batteries



Bluetooth Enabled
With Easy to Use Allied App



A Full Charge in
Only 2-4 Hours



8-Year Warranty
Protect Your Investment

Allied Battery is a U.S. company
dedicated to providing fully supported lithium energy solutions

LEAD ACID

ALLIED LITHIUM

350+ lbs for set of lead acid	WEIGHT	1/2 the Weight
Watering, corrosion clean up, monitoring 50% discharge limit	MAINTENANCE	None
25% to 33% per month	SELF DISCHARGE RATE	<3% per month Power down option for off-season storage
Should not go below 50% of charge	MAX USAGE	Can use 100% of charge
8-10 Hours	CHARGE TIME	2-4 Hours
500-750 Cycles	LIFETIME CYCLES	3500+ Cycles Lasts MORE THAN 5 times as long as lead acid

48V 65Ah

ELECTRICAL SPECIFICATIONS

Nominal Voltage	51.2V
Nominal Capacity	65Ah
Capacity @ 20A	195 min

DISCHARGE SPECIFICATIONS

Max Continuous Current	125A
Peak Discharge Current	250A (10s)
Peak Instantaneous Current	600±50A (<3s)

CHARGE SPECIFICATIONS

Recommended Charge Current	15A - 30A
Discharge Temperature	-4° to 140°F
Charge Temperature*	32° to 131°F

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	18" x 9.6" x 8.5"
Weight	71 lbs
Cell Type - Chemistry	Prismatic LiFePO4

PERFORMANCE SPECIFICATIONS

Mileage Range*	25-30 miles
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48V 105Ah

ELECTRICAL SPECIFICATIONS

Nominal Voltage	51.2V
Nominal Capacity	105Ah
Capacity @ 20A	315 min

DISCHARGE SPECIFICATIONS

Max Continuous Current	180A
Peak Discharge Current	350A (10s)
Peak Instantaneous Current	600A±50A (3s)

CHARGE SPECIFICATIONS

Recommended Charge Current	15A - 50A
Discharge Temperature	-4° to 140°F
Charge Temperature*	32° to 131°F

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	18" x 11.8" x 9.6"
Weight	108 lbs
Cell Type - Chemistry	Prismatic LiFePO4

PERFORMANCE SPECIFICATIONS

Mileage Range*	40-45 miles
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48V 150Ah

ELECTRICAL SPECIFICATIONS

Nominal Voltage	51.2V
Nominal Capacity	150Ah
Capacity @ 20A	450 min

DISCHARGE SPECIFICATIONS

Max Continuous Current	180A
Peak Discharge Current	500A (10s)
Peak Instantaneous Current	1000A (<1200ms)

CHARGE SPECIFICATIONS

Recommended Charge Current	15A - 50A
Discharge Temperature	-4° to 140°F
Charge Temperature*	32° to 131°F

MECHANICAL SPECIFICATIONS

Dimensions (L x W x H)	25" x 12.8" x 9.7"
Weight	152 lbs
Cell Type - Chemistry	Prismatic LiFePO4

PERFORMANCE SPECIFICATIONS

Mileage Range*	65-75 miles
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*Numbers are based on vehicles with 1-2 passengers on average terrain.

*Upgraded Motor and Controllers may de-rate stated miles.

*Off-road driving may de-rate stated miles.

ALLIED SAFETY CERTIFICATIONS

