



	Market Leading 110AH AGM	Transporter Energy 100AH Lithium	Comments
<b>Warranty Period</b>	2 Years	10 Years	
<b>Cycles</b>	400 @ 80% DoD	5000 @ 80% DoD	This provides <b>4600</b> more cycles
<b>Weight</b>	32Kg	13.1Kg	Weight saving of <b>18.9KG</b> per Battery
<b>Country of Manufacture</b>	China	USA	
<b>intertek Approved</b>	NO	YES	
<b>UK.Gov OPSS Approved</b>	NO	YES	
<b>Safe DoD</b>	50%	97%	
<b>Terminal Material</b>	Steel	Brass	
<b>Built in Battery Management System</b>	NO	YES	
<b>Useable Amp Hours</b>	55	97	
<b>Safe Charging Time</b>	5 Hours 30 Mins	1 Hours 40 Mins	Save over <b>4 Hours</b> per shore charge
<b>Minimum Charging Time</b>	3 Hours 40 Mins	1 Hour	Save <b>2 Hours 40 Mins</b> per shore charge. This would seriously damage the AGM but not the Lithium
<b>Maximum Lifetime Capacity</b>	49,500AH @ 30% DoD	400,000AH @ 80% DoD	Nearly <b>10 x</b> more Amp hours
<b>Minimum Lifetime Capacity</b>	35,200AH @ 80% DoD	400,000AH @ 80% DoD	Over <b>11 x</b> more Amp Hours
<b>Ambulance High Demand Capacity</b>	8,800AH @ 80% DoD	400,000AH @ 80% DoD	<b>45 x</b> more Amp Hours
<b>Life Expectancy</b>	2 Year +	10 Years +	
<b>Fitted in any Orientation</b>	NO	YES	
<b>Voltage stable throughout discharge</b>	NO	YES	
<b>Initial Cost per Unit</b>	£300	£750	Only <b>2.5 x</b> more initial outlay for Lithium but <b>7.5 x</b> cheaper overall
<b>Cost Per Amp Hour</b>	1.5 pence	0.2 pence	<b>7.5 x</b> cheaper per Amp Hour
<b>Ambulance High Demand Cost Per AH</b>	3.4 pence	<b>0.2 pence</b>	<b>17 x</b> cheaper per Amp Hour

**THE MOST POWERFUL, SAFEST, CHEAPEST AND LIGHTEST BATTERY;  
THERE IS REALLY ONLY ONE CHOICE!**