

## Choosing a Golf Battery

There are several types and sizes of golf battery. Choosing the right one for your game can save you money and prevent premature replacement.

### Battery Types:

AGM type Lead acid batteries: These are the standard type used in the vast majority of golf trolleys, but are specifically designed and manufactured for golf use – they are very different from car batteries. They have the advantage of being proven units and are relatively inexpensive (approx £30 to £80). Gel batteries are a type of lead-acid battery where the electrolyte is held as a gel. We do not believe that they have any major advantage over standard AGM batteries.

Lithium batteries: These are a newer technology. The main advantage is their light weight but they are very expensive (£300 per battery) and require a special charger.

### Battery Capacity:

This is measured in amp-hours (AH). The basic rule-of-thumb is 'one amp-hour per hole' so a 20AH battery is suitable for 18 holes and a 28AH battery for 27 holes. Please be aware that hilly courses and wet conditions will take more power from the battery, so if you play on a hilly course in the winter (especially with Hedgehog-type tyres) a 20AH battery may not have sufficient power.

Conversely, batteries can develop a 'memory effect' so if you have a very large capacity battery (36AH) and use it consistently for only 18 holes, it may deteriorate to being only suitable for 18 holes.

The Golden Rule is to choose a battery which matches the amount of golf you play – see the chart below.

To obtain the maximum life for your battery, do not exceed the following limits				
	Maximum holes played per day - 20kg clubs - undulating course			Weekly Total
	18 holes	27 holes	36 holes	
18AH	We do not supply or recommend this size of battery - it is too weak for most courses			
<a href="#">20-22AH</a>	3x per week	Not suitable	Not suitable	54
<a href="#">24-26AH</a>	4x per week or	1x per week max (plus 2x 18 holes)	Not suitable	72
<a href="#">28-30AH</a>	4x per week or	3x per week	1x per month max	81
<a href="#">36AH</a>	Not recommended solely for 18 hole use	4x per week or	3x per week	108
<a href="#">2x 20-22AH</a>	6x per week or	4x if changed after 18 holes or	3x if changed after 18 holes	108
Playing more than the above may shorten the life of your battery				
Golf Batteries have a normal life expectancy of approx 2 years This is a guide only - battery life will be shortened by incorrect use, charging or a faulty charger				
If a 36Ah battery is used solely for 18 holes, the battery may develop a 'memory effect' unless it is discharged every 4-6 weeks ( <a href="#">see Instructions</a> )				

The vast majority of golfers choose a 24-28AH battery as this is the most suitable for general use. However, if you have previously used a 20AH battery without any problems, this will be the most appropriate for you.