

Please remember if you are using a motor mover only [XL110E](#) and [SMF110E](#) (115Ah) will suffice.

Please also note that a fitted tracker and/or alarm will drain your battery within a week. A leisure battery is NOT an infinite power source.

Following are three typical examples of caravan battery power use.

To calculate the Ah capacity required:

Loads in Watts / Voltage = Current (amps) x time in use + 20% safety.

### Caravan 1

Strip light	13watt	12volt	1.1amps	5hours	+20% = 6.5ah
Strip light	8w	12v	0.67a	4h	+20% = 3.2ah
TV	36w	12v	3.0a	7h	+20% = 25.2ah
Water pump	120w	12v	10a	1h	+20% = 12.0ah

Daily capacity required 46.9ah. Recommend [XL85](#) or [SMF85](#) (60Ah)

### Caravan 2

Strip light	13w	12v	1.1a	6h	+20% = 7.8ah
Strip light	16w	12v	1.3a	5h	+20% = 8.0ah
TV	36w	12v	3.0a	7h	+20% = 25.2ah
Water pump	120w	12v	10a	2.5h	+20% = 30ah

Daily capacity required 71ah. Recommend [XL85E](#) or [SMF85E](#) (75Ah)

### Caravan 3

Strip light	13w	12v	1.1a	4h	+20% = 5.2ah
Strip light	13w	12v	1.1a	6h	+20% = 7.8ah
Strip light	16w	12v	1.3a	5h	+20% = 8.0ah
Strip light	16w	12v	1.3a	3.5h	+20% = 5.6ah
TV	36w	12v	3.0a	5h	+20% = 18ah
Water pump	120w	12v	10a	2	+20% = 24ah
Radio	18w	12v	1.5a	7h	+20% = 12.6ah

Daily required capacity 81.2Ah. Recommend [XL110](#) or [SMF110](#) (90AH) and [XL110E](#) or [SMF110E](#) (115AH)

**Our capacities are true capacities. Beware of purchasing a battery which the part number leads you to believe that the battery is a certain capacity.**

**E.G our part number XL85 does not mean the battery is 85Ah @ the 20Hr, it is just a part number.**

**Always ask your supplier what the true capacity is. If they can't tell you, purchase your battery from a supplier who can.**