

SPS BATTERY INFORMATION

The Smart Power System **will not function** without batteries installed.

The SPS-600 & 500 are 12V systems and require 1 x 12V deep cycle battery.
The SPS-1000 is a 24V system and requires 2 x 12V deep cycle batteries.

The batteries can be GEL, lead acid, AGM etc. as long as they are **DEEP CYCLE**. The 12V 100AH GEL batteries we supply measure 34cm (w) x 17cm (d) x 22cm (h).

You can use batteries with any AH value (higher or lower) as long as they are 12V and the battery size fits inside the SPS cabinet. 150/200Ah batteries, for instance, would work but would not physically fit inside the cabinet.

The internal dimensions of the battery compartments are:

SPS-600 & 500 39cm (w) x 22cm (d) x 25cm (h).

SPS-1000 39cm (w) x 36cm (d) x 25cm (h).

All deep cycle batteries degrade faster the deeper they are discharged.

Using the least power possible during electricity cuts and understanding how much power an appliance needs before plugging in will help maintain battery life. The larger the power requirement the faster the batteries will drain and the run time you get is reduced.

Repeatedly draining the batteries below 50% will require them to be replaced every 18-24 months. Much longer battery life will be achieved by properly managing the system and using as little battery power as possible each time before recharging.

Never plug in appliances that exceed the SPS rating (eg. Kettles, hair dryers, vacuum cleaners, etc.)