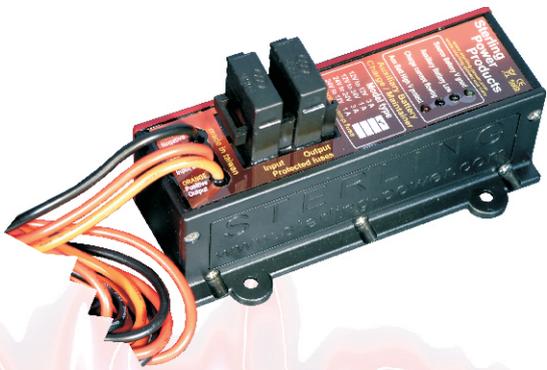


# Battery Charger / Maintainer



The **Battery Charger / Maintainer** enables an **extra battery bank** to be kept 'topped up' from the **main battery bank** which has the charging device(s) connected to it (e.g. alternator, battery charger, solar cell/wind turbine etc.).

The **Battery Charger / Maintainer** benefits over voltage sensitive relays by being FET based rather than relay based. This FET based device draws less than 1mA under operation. This maximises the power generated from a low charge device, such as a solar cell. Relays also have a limited life cycle due to constant physical contact. FETs are free from contact, wear and noise production increasing longevity of the device.

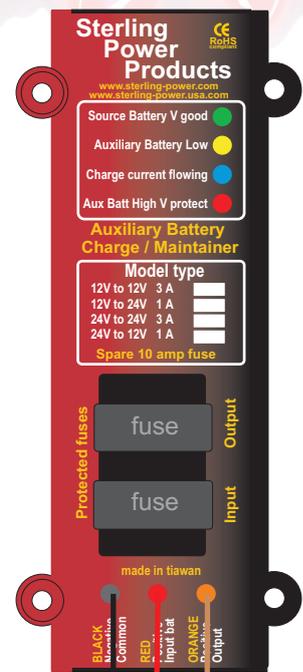
The **Battery Charger / Maintainer** works by detecting when the **main battery bank** reaches 13.3V and allows the excess power to be transformed to the **extra battery bank** with only a minor voltage drop of 0.2V. This allows the extra battery bank to be 'maintained' by charging it with several amps. This device is not a high charging device it's a maintenance device. For higher charging battery to battery devices read Sterling's literature on the **ProBatt C** (battery to battery charger).

### Ideal places of use

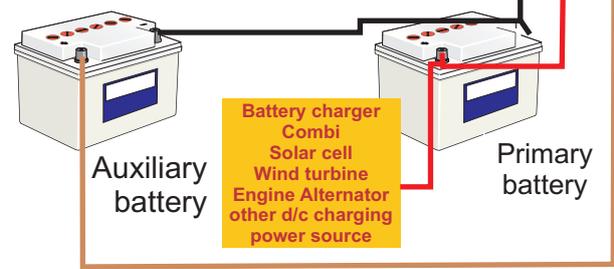
Marine - domestic 12V/24V to generator 12V  
 starter 12V/24V to domestic 12V/24V  
 starter 12V/24V to bow thruster 24V  
**The list / combinations are endless**

Camper / RV - domestic 12V/24V to starter 12V/24V  
 domestic 12V/24V to generator 12V

Solar / Wind top up - sharing surplus power from a solar/wind charged battery to other batteries.



Battery maintainer / charger inc 1 metre of cable					
Input V d/c	Output V d/c	Amps	Size L x W x D mm	Weight kg	Part nos
12	12	3	140 x 45 x 40	0.25	BM12123
12	24	1	140 x 45 x 40	0.25	BM12241
24	24	3	140 x 45 x 40	0.25	BM24241
24	12	1	140 x 45 x 40	0.25	BM24121



www.sterling-power.com

Unit 8  
 Wassage Way  
 Hampton Lovett Ind Est  
 Drotwich  
 WR9 0NX  
 Tel: 01905 771771  
 Fax: 01905 779434  
 e mail: help@sterling-power.com  
 web: www.sterling-power.com  
 www.sterling-power-usa.com

