

Battery Maintainer

Echo / mirror charger

The battery maintainer is a charging device that 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 unit transfers approximately 3A (12V) and requires the charging devices to be turned on to work. It is best suited at keeping a starter battery topped up and maintained by the charge that your house bank receives.

How does it work?

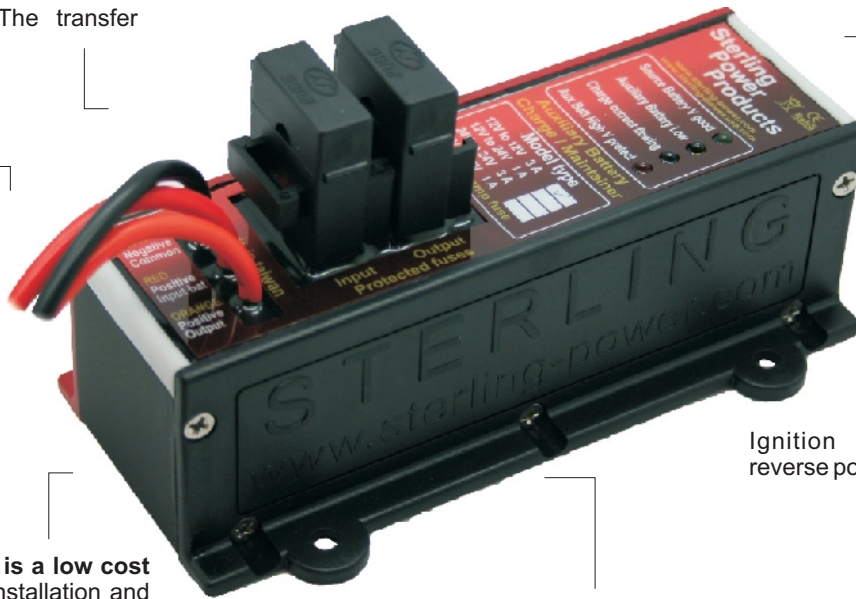
The unit is activated when the main battery has reached around 13.3V (26.6V at 24V) and allows excess power to be transferred from the primary charging system to charge / maintain an auxiliary battery bank. The transfer current is 3A at 12V.

Ideal for use on Boats, Camper vans and with Solar / Wind top up.

IP65 Waterproof (rated to)

4 options:

- 12V to 12V
- 12V to 24V
- 24V to 24V
- 24V to 12V

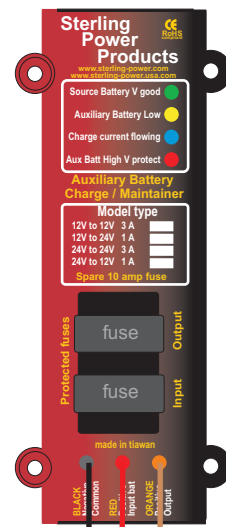


Ignition protected and reverse polarity protected.

It is simple to install and is a low cost product. Saving time on installation and money on repeatedly replacing destroyed flat batteries.

Power Saving. The battery maintainer uses FETs instead of relays and as such uses very little power itself (less than 1mA). This allows your solar harvest to be more efficiently distributed rather than lost across inefficient relays.

Other Specifications		
Offline power consumption		0.001A
Online power consumption		1mA
Activation voltage input battery (x 2 for 24V)		13.3V
High voltage trip on input battery (x 2 for 24V).		15V
high temperature lock down (Deg C)		80
Off Voltage and Standby input battery (x2 for 24V)		12.9V
Reverse polarity protected (fuse).		
Aux battery 'low voltage' warning LED on if aux bat below 12.6V and 'off' above 12.7V.		



Battery maintainer / charger inc 1 metre of cable					
Input (V) DC	Output (V) DC	Current (A)	Size L x W x D mm	Weight kg	Code
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

