

150W POWER INVERTER

Look after your birds or eggs - whilst on the move or during a power cut

In the past, many bird enthusiasts and breeders have expressed the desire for a fully portable brooder or incubator in order to allow them freedom with their birds and eggs.

With our new Power Inverter you can operate your brooder or incubator (see table overleaf) through a car cigarette lighter or another 12v D.C. supply allowing you to look after your birds or eggs whilst on the move.

The inverter also provides an alternative power source in the event of power cuts or fluctuations, blown fuses and temporary disconnection from the mains by allowing the user to run their brooder or incubator with a suitable 12v battery*.

The inverter has been tested and selected for use with certain popular Brinsea products*.

The 150w Power Inverter is also compatible with many other domestic electrical products consuming up to 150w such as TV's, mobile phone chargers, computers, stereo equipment, VCR's and fans*.

Compatibility

The capacity of the battery used and the typical power consumption of the appliance will determine the duration between battery charges.

For example, an Octagon 20 Incubator will typically run for 24 hours and a TLC-4 Brooder approximately 10 hours from a fully charged 48 Ampere hour battery.

**see compatibility details overleaf.*



The 150w POWER INVERTER features:

- Low battery alarm followed by automatic shutdown if the battery voltage drops further
- Overload and short circuit protection
- High surge current capability
- Fused input polarity protection
- Compact size and lightweight
- CE marked for electrical safety

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ACCESSORIES

150W POWER INVERTER



If powered through a car cigarette lighter the incubator or brooder will function indefinitely as long as the car engine is running. However, if the engine is off it will run from the car battery and the size of the battery will determine how long the incubator or brooder will be powered.

In order to estimate how long the battery[#] will power the incubator, brooder or other electrical appliance, simply divide the Ampere hour rating of the battery by the typical average current drain (*please see table below*).

[#] *Note: This assumes the battery is in good condition, fully charged and used in optimal conditions.*

This product is compatible with most domestic appliances up to 150w continuous consumption but certain loads (e.g. large motors) may not be compatible. Please refer to the manufacturer for more information.

Product Description	Compatible With Inverter	Max. Power Consumption (Peak)	Typical average current drain (at 12v)
Octagon 10	x	N/A	N/A
Octagon 20 Digital	✓	45W	2A
Octagon 10/20 cradle	✓	3W	0.1A
Octagon 20 PRM	✓	45W	2A
Octagon 40 Digital	✓	75W	3.2A
Octagon Pro-20	✓	50W	2.2A
Octagon 100	✓	100W	4.2A
Octagon 250	✓	150W	6.3A
Modular/Ratite Hatcher	x	N/A	N/A
Hatchmaker	x	N/A	N/A
Polyhatch	x	N/A	N/A
Hatchmaster A and H	x	N/A	N/A
Cosylamp	✓	65W	2.7A
Infra-red Lamp (150W)	✓	150W	12.5A
Infra-red Lamp (250W)	x	250W	N/A
TLC-4 Brooder	✓	120W	5A
Egg-Lume (all)	✓	15W	0.5A
Humidity Modules (all)	✓	5W	0.5A

Brinsea Products reserve the right to alter the specification of this product without prior notice.

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