



# ProCombi S pure sine wave

# STERLING POWER

## New Red labelled model

## Combined Inverter / Charger



# New Red Label sine wave Combi S. Now with Battery Charger only selection & lower quiescent current down to 1.3 A 2500 watt and 3500 watt model

Sometimes it pays to keep things simple! The **ProCombi** range of Combination Inverter Battery Chargers are straightforward and powerful. The inverter is available in a variety of power configurations to meet the demands placed on your Boat, RV, Camper or Utility Vehicle. With the three functions of Inverter, Battery Charger and 30A automatic crossover switch in one unit, **ProCombi-S** is the perfect alternative to separate components where space, simplicity and ease of installation are key considerations.

The **ProCombi** models are available with either a modified / quasi-sinewave (**ProCombi-Q**) or pure sine-wave (**ProCombi-S**) models. only the S has the new features on them as above .The battery charger found inside this unit is an advanced four-step battery charger with **power factor correction**. It is designed to provide max charging output while drawing the least amount of input current.

### Principle Features:

- ✓ Charge your batteries & convert battery power into household A/C with the same unit.
- ✓ Modified (**ProCombi-Q**) or Pure Sine-wave (**ProCombi-S**) models ranging from 1,500 to 3,500 watts. 60 Hz 120V and 50 Hz 230V AC output available.
- ✓ Can charge GEL, AGM, FLA & Calcium batteries with a user adjustable battery profile selector switch. 12V and 24V models available.
- ✓ Power Factor Corrected (PFC) Multi-Stage Battery Charger provides extremely efficient battery charging.
- ✓ Automatic 30A crossover "Pass-Through" relay.
- ✓ Removable control panel for remote mounting, 10 meter cable included.
- ✓ Very low no-load and operating energy consumption.
- ✓ Comprehensive status and alarm LED display.
- ✓ Compliant w/ CE and UL standards.

### Pro Combi S Pure sine wave



Awarded Winner  
Best Buy  
from  
**SAILING TODAY**  
2008  
In combi test  
against Victron  
Mastervolt  
& Studer

**Voted "best buy" In 'Sailing Today' Combi Test, March 2008 Issue. Without doubt the largest selling combi today in the UK marine industry**

Visit the Sterling website for the latest products and news [www.sterling-power.com](http://www.sterling-power.com)

# Pro Combi

## Specifications



### What does the Pro Combi range offer?

#### On the battery charger side

- 1) 4 step constant current battery charging
- 2) 8 preset battery type selector plus de-sulphation
- 3) powerful charge rate
- 4) will charge even with totally flat batteries
- 5) PFC, draws about 30% less power than conventional units

#### On the crossover side

- 1) 20 m/s crossover time, will not lose any equipment due to power loss
- 2) 30 amp through current ability on all models
- 3) twin 30 amp / single 50 amp on the 3500 watt models

#### On the inverter side

- 1) high overload ability
- 2) high temperature rating
- 3) low quiescent current
- 5) power saver mode to automatically reduce power
- 6) allows through power even with no batteries connected
- 7) neutral earth link to enable RCD breakers to work

#### On the remote control

- 1) ability to switch the unit on/off
- 2) ability to select or de-select power saver mode

#### General

- 1) removable local panel to give remote control with warning and function LED
- 2) remote on/off plus remote power saver on/off
- 3) 10 metres remote cable
- 4) almost 20 alarms / warnings / information
- 5) There are 2 main models the **Pro Combi Q** ( **quasi-sine wave** ) and 3 for the **Pro Combi S** ( **pure-sine wave** )

### So the simple question is, what best suits your needs?

**Pro Combi Q** (quasi-sine model) suitable for most installations, where you would use a microwave, fridge, hair dryer, vacuum cleaner, kettle, computer, etc. The vast majority of products will run on quasi-sine wave. HiFi's could have a buzz on the speakers and older non-flat screen TVs may have a line on the screen. It is not possible for us to say what item may have a problem, if any.

**Pro Combi S** (pure sine wave model) Works with all appliances. The salient additions are washing machines and bread makers. If thyristor controlled equipment is used - then sine wave is required.

**To make the choice even simpler** we have 6 months exchange/upgrade policy. If you purchase a Pro Combi Q and find there is some equipment that you cannot run due to the Quasi Sine wave and require Pure Sine wave, Sterling are happy to up-grade your quasi-sine unit for a sine wave with the only cost being the difference between the 2 products (unit must be sent direct to Sterling and in new condition). Offer applies dealing direct to the factory only.

## Charger specifications

### ProCombi Q

Inverter / Watts	Charger / Amps
1600 W	12V - 50A 24V - 30A
2500 W	12V - 65A 24V - 35A

### ProCombi S

Inverter / Watts	Charger / Amps
1500 W	12V - 50A 24V - 30A
2500 W	12V - 80A 24V - 40A
3500W	12V - 110A 24V - 60A

**Pro Combi Q quasi sine wave 230 v 50 Hz Euro Standard**

D/C voltage	Power at 25 deg C ( watts )	Part nos
12	1600	PCQ121600
12	2500	PCQ122500
24	1600	PCQ241600
24	2500	PCQ242500

**European use**  
**230 V 50 Hz**  
sterling-power.com

**Pro Combi Q quasi sine wave 110 v 60 Hz USA Standard**

D/C voltage	Power at 25 deg C ( watts )	Part nos
12	1600	UPCQ121600
12	2500	UPCQ122500
24	1600	UPCQ241600
24	2500	UPCQ242500

**North America**  
**110 V 60 Hz**  
sterling-power-usa.com



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