

Sine wave inverter / battery charger

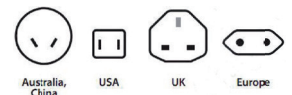
Supreme Combi

12 V / 3000 VA - 100 A



Datasheet

Due to its efficient and compact design, the Supreme Combi inverter/charger is suitable for installation in tight spaces. This device provides all the required comfort expected on board of a vehicle or in a boat. All 230 AC appliances can be connected and work smoothly such as a computer, coffee machine, kettle, cooking appliances, flat screens, etc. The built in multi-stage battery charger can be connected to a AC generator as well as the land connection.



Available with different sockets



Light weight, compact and powerful inverter / charger



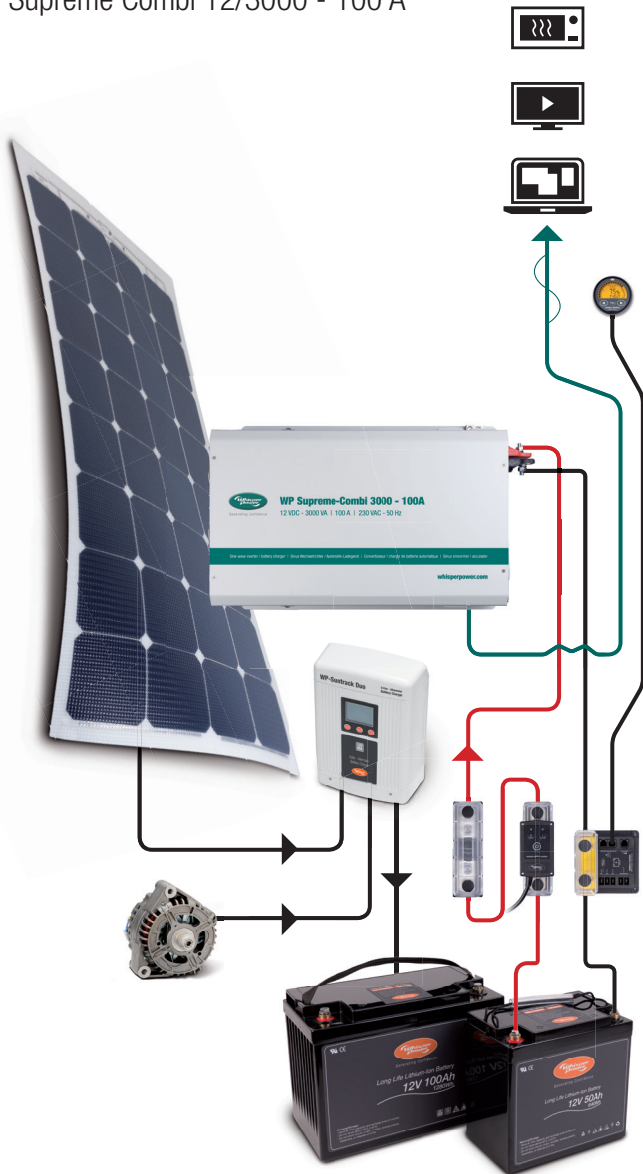
Features / benefits

- Convert 12 V battery power to alternating current (230 V, 50 Hz)
- Sine wave output power is ideal for demanding electrical motors, sensitive electronics and rechargeable devices
- Multi-stage charger ensures batteries are charged safely and efficiently
- Suitable for microwaves, airconditioning, computers, televisions, power tools and more
- Detachable control display (Power Sharing)
- Grid power control button
- Ideal for self installation
- WhisperConnect Can connection

whisperpower.com

Application example

Supreme Combi 12/3000 - 100 A



Generating Confidence

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WP-SUPREME COMBI 12/3000-100*

Article Nr.

61123080

INVERTER

AC output power 230 VAC - 50 Hz	3000 W
AC output current	13.0 A
AC peak power	6000 W
AC output voltage/Hz	230 V - 50 Hz
AC Voltage wave form	pure sinewave
Nominal input voltage	10.5 .. 15.5 V
From unloaded battery	11.0/12.1 V
Voltage range DC input	11.3/12.3 V
Warning: low input voltage	10.5/11.3 V
Final warning: low input voltage	12.0/12.6 V
Disable: low battery voltage	15.5 V
Switching on again after low battery voltage	12.0/12.6 VDC
Disable: high battery voltage	15.5 VDC

USB

USB port - phone charger	5 V, 750 mA
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AC SWITCHING RELAY

Switching time	<30ms
Capacity switching relay	16 A
AC input settings	8,10,16 A
AC output 1 (earthed socket)	26 A
AC output 2 (connector hard wired)	26 A

DISPLAY

Connection display	RJ12
Inverter info	input voltage, output power
Charger info	status, battery voltage

CHARGER

AC input voltage	230 VAC - 50Hz
Load Voltage Range	13.5 - 14.4 VDC
Float Voltage Range	13.4 - 13.8 VDC
Charge current (max)	100 ADC
Charge current settings	5, 15, 35, 55, 75, 100
Battery type	GEL, Lead acid, AGM, Lithium
Charge characteristics	bulk / absorption / float
Efficiency	>80%

SAFETY & ENVIRONMENT

Conformity marking	CE
Operating temperature	0°C to 40°C
Storage temperature	-20°C to 60°C
Relative humidity	5-90% non-condensing
Usage height	up to 3.000m above sea level

WEIGHT AND DIMENSIONS

Weight	10 kg
Dimensions	at request

POWER SUPPLY

Available plug sockets

EU - UK - AUS

* Supreme Combi 12/3000 – 100 prepared for WhisperConnect  Available Autumn 2019

Connectivity / Remote

1. Standard Remote Panel
2. Touch 7 Remote panel
3. Third Party Remote panel