

Sine Wave Inverter / Battery Charger Supreme Combi

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 yachts, motorhomes or cabins. All AC devices can be connected and work without issue such as a coffee machine, kettle, kitchen appliances, TV, computer etc. The multi-stage battery charger can handle any AC generator as well as the land power connection.

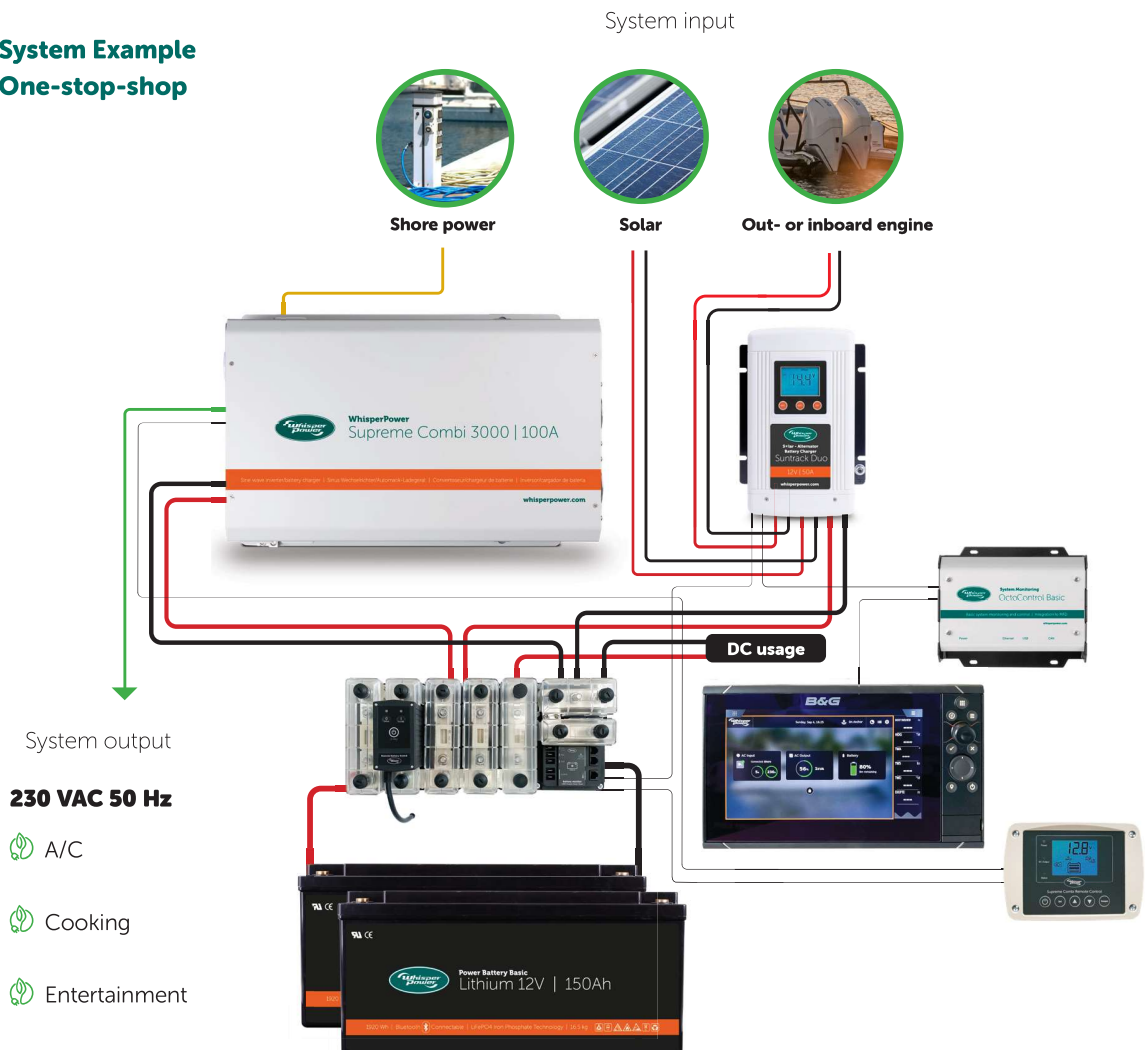


Features / Benefits

- Convert 12 VDC battery power to 230 VAC alternating current
- 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 small microwaves, computers, televisions power tools and more
- Detachable control display
- Land power control button
- Ideal for self installation



System Example One-stop-shop





12 VDC | 2000 VA | 80 A 12 VDC | 3000 VA | 100 A 24 VDC | 2000 VA | 40 A 24 VDC | 3000 VA | 50 A

Article Number	61122080	61123001	61242040	61124001
RUNNING AS INVERTER				
Supreme Combi Series AC Output Power	2000 W	3000 W	2000 W	3000 W
AC Output Current	8.7 A	13 A	8.7 A	13 A
AC Surge Power (Peak)	4000 W	6000 W	4000 W	6000 W
AC Output Voltage/Frequency	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz
AC Output Waveform	Sine Wave (< 3 % THD)	Sine Wave (< 3 % THD)	Sine Wave (< 3 % THD)	Sine Wave (< 3 % THD)
Nominal DC Input Voltage	12.5 VDC	12.5 VDC	25 VDC	25 VDC
No Load battery draw (Inverter Mode)	< 3.5 A	< 3.5 A	< 1.8 A	< 1.8 A
DC Input Voltage operating range	10.5 – 16.5 VDC	10.5 – 16.5 VDC	21 - 33 VDC	21 - 33 VDC
Under Voltage Alarm	11 - 12.5 VDC	11 - 12.5 VDC	22 - 25 VDC	22 - 25 VDC
Under Voltage Alarm Recovery	11.5 - 13 VDC	11.5 - 13 VDC	23 - 26 VDC	23 - 26 VDC
Under Voltage Shutdown	10.5 - 12 VDC	10.5 - 12 VDC	21 - 24 VDC	21 - 24 VDC
Under Voltage Recovery	11.5 - 13 VDC	11.5 - 13 VDC	23 - 26 VDC	23 - 26 VDC
Over Voltage Shutdown / Recovery	16.5 / 16 VDC	16.5 / 16 VDC	33 / 32 VDC	33 / 32 VDC
AC TRANSFER SWITCH				
Transfer Time	< 30 ms	< 30 ms	< 30 ms	< 30 ms
Transfer Relay Rating	16 A	16 A	16 A	16 A
AC Input Source Setting	4, 6, 8, 10, 12, 13, 14, 16 A	4, 6, 8, 10, 12, 13, 14, 16 A	4, 6, 8, 10, 12, 13, 14, 16 A	4, 6, 8, 10, 12, 13, 14, 16 A
AC Output Hardwire (max.)	16 A	16 A	16 A	16 A
AC Output Socket (max.)	16 A-EU, 13 A-UK, 10 A-AU	16 A-EU, 13 A-UK, 10 A-AU	16 A-EU, 13 A-UK, 10 A-AU	16 A-EU, 13 A-UK, 10 A-AU
DISPLAY				
Display Port	RJ12	RJ12	RJ12	RJ12
Inverter Mode	Battery Voltage, DC Current, AC Output Power	Battery Voltage, DC Current, AC Output Power	Battery Voltage, DC Current, AC Output Power	Battery Voltage, DC Current, AC Output Power
Charger Mode	Charging Voltage, Charging Current, AC Input Power	Charging Voltage, Charging Current, AC Input Power	Charging Voltage, Charging Current, AC Input Power	Charging Voltage, Charging Current, AC Input Power
RUNNING AS BATTERY CHARGER				
Charging Voltage Range	13.8 - 14.8 VDC	13.8 - 14.8 VDC	27.6 - 29.6 VDC	27.6 - 29.6 VDC
Float Voltage Range	13 - 14 VDC	13 - 14 VDC	26 - 28.8 VDC	26 - 28.8 VDC
Recharge Voltage Range	12.8 - 14 VDC	12.8 - 14 VDC	25.6 - 28 VDC	25.6 - 28 VDC
Bulk Charge Current Range	10 - 80 A	25 -100 A	5 - 40 A	10 - 50 A
Absorption-Float Current Range	2 - 15 A	2 - 20 A	2 - 6 A	2 - 8 A
Battery Type	AGM, GEL, Lead acid and Lithium	AGM, GEL, Lead acid and Lithium	AGM, GEL, Lead acid and Lithium	AGM, GEL, Lead acid and Lithium
Charge Cycle Stages	Bulk / Absorption / Float / Recharge	Bulk / Absorption / Float / Recharge	Bulk / Absorption / Float / Recharge	Bulk / Absorption / Float / Recharge
Maintenance Recharge Cycle	7 days	7 days	7 days	7 days
Power Factor Correction	> 95 %	> 95 %	> 95 %	> 95 %
Efficiency	> 80 %	> 80 %	> 80 %	> 80 %
SAFETY AND ENVIRONMENTAL				
Conformance	LVD: EN/IEC 62040-1, IEC 61558-2-16	LVD: EN/IEC 62040-1, IEC 61558-2-16	LVD: EN/IEC 62040-1, IEC 61558-2-16	LVD: EN/IEC 62040-1, IEC 61558-2-16
EMI/EMC	EMC: EN/IEC 62040-2, Category C1	EMC: EN/IEC 62040-2, Category C1	EMC: EN/IEC 62040-2, Category C1	EMC: EN/IEC 62040-2, Category C1
Agency Markings	CE	CE	CE	CE
Operating Temperature	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)	0 to 40°C (32 to 104°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)	-20 to 60°C (-4 to 140°F)	-20 to 60°C (-4 to 140°F)	-20 to 60°C (-4 to 140°F)
Relative Humidity	5 - 90 % non-condensing	5 - 90 % non-condensing	5 - 90 % non-condensing	5 - 90 % non-condensing
Operating Altitude	Up to 9,843 ft (3000 m) above sea level	Up to 9,843 ft (3000 m) above sea level	Up to 9,843 ft (3000 m) above sea level	Up to 9,843 ft (3000 m) above sea level
WEIGHT AND DIMENSIONS				
Weight	8 kg / 17.6 lb	10.4 kg / 22.9 lb	8 kg / 17.6 lb	10.4 kg / 22.9 lb
Dimensions (W x D x H) in mm	391 x 106 x 302	500 x 106 x 307	391 x 106 x 302	500 x 106 x 307
Dimensions (W x D x H) in inches	15.4 x 4.2 x 11.9	19.7 x 4.2 x 12.1	15.4 x 4.2 x 11.9	19.7 x 4.2 x 12.1

Note: specifications are subject to change without notices.