

AC Master 12/350 (120 V)



Product code: 28510350

Reliable AC power for recreational and semi-professional use

These affordable sine wave inverters convert 12 or 24 V battery voltage into reliable 230 V 50/60 Hz or 120 V 50/60 Hz grid power, making them ideal for recreational and semi-professional applications. The AC Master series is easy to install and delivers full output, even under the most demanding conditions. The pure sine wave technology provides an outstanding power quality, ensuring the correct functioning of sensitive equipment. The usage of high frequency switching technology eliminates any annoying humming and buzzing sounds.

Representing complete value for money, these ruggedly built inverters provide essential home comforts when you're far from the nearest grid connection.

Features

- Pure sine wave technology protects sensitive equipment.
- Delivers full output at high peak power under the most demanding conditions.
- Automatic power saving system for extended runtime.
- Compact and lightweight design, saving valuable installation time.
- Reliable and safe operation; protected against over-temperature, overload, short circuit, high or low battery voltage.
- Variable speed fan for quiet operation at low power.
- Optional remote control for instant switch off of the inverter and all connected equipment (not available for the 300 and 500 W models).
- Convenient plug connection for all models, 2500/3500 Watt models also hard wired.

In addition, the 2500/3500 Watt models offer:

- Combine 2 up to 15 units to obtain high power or 3-phase systems.
- Integrated transfer system, switches automatically between AC power sources.

Applications

Both recreational and semi-professional use, where grid power varies or is unavailable. Applications include lighting, appliances, electric cooking and power tools. For (mobile) applications in your home, office or service vehicle, or during your holidays.

Specifications

General specifications

Output waveform	true sine
Nominal output voltage	120 V
Recommended battery capacity	60 Ah
P30 power at 40 °C, cos phi 1	350 W
Nominal input voltage	12
Dimensions, hwxwd	74 x 152 x 242 mm
	2.9 x 6.0 x 9.5 inch
Weight	1.85 kg
	4.1 lb

Technical specifications

Technology	HF switch mode
Low battery voltage, switches off at	10.3 V
Low battery voltage, switches on at	12.3 V
High battery voltage, switches off at	15.3 V
High battery voltage, switches on at	14.6 V
Max. ripple on DC (battery)	5% RMS
Input current (nominal load)	38 A
No-load power consumption (energy saving mode)	0.8 A
Cos phi	all power factors allowed
Temperature range (ambient temp.)	0-40 °C
	32 °F
Cooling	yes
Protection degree	21