

INVO SERIES

5kVA INVERTER/CHARGER - 220/240VAC

ideal for long-run UPS applications

DESCRIPTION

UNIPOWER's **INVO** is a 5kVA high frequency pure sinewave inverter/charger designed to be used in long-run UPS applications where the reliability or availability of the utility grid supply is poor.

In normal operation **INVO** feeds the utility supply directly to the load while at the same time the 3 stage charger keeps the battery fully charged at all times. In the event of utility failure **INVO** automatically transfers the load to the inverter and monitors the battery charge state.

Using a typical 100AH battery **INVO** will maintain the load for over 45 minutes and the 30A charger in the 48V version will replenish the battery in less than 4 hours.

INVO is ideal for use in the small office or retail environment where a small number of PCs and EPOS terminals or even air conditioning units need to be kept operational during power outages.

FEATURES

- ◆ 90% Minimum Efficiency
- ◆ Wide Range AC Input
- ◆ Up to 5kVA or 4200W Output Power
- ◆ 10kVA Peak Load
- ◆ Fast 10mS Transfer Time
- ◆ 3 Stage (CC/CV/Float) 30A Charger
- ◆ Charger Power Factor >0.95

TWO-YEAR WARRANTY

SAFETY STANDARDS

UL60950-1
CSA22.2, No. 60950-1
EN60950-1



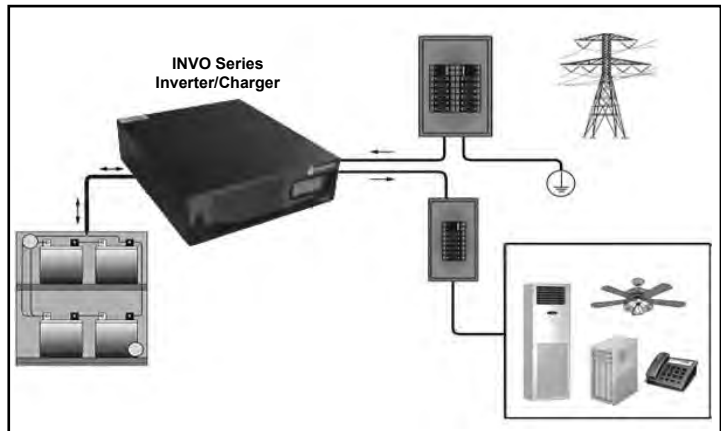
MODEL NUMBERS

MAX. POWER	OUTPUT VOLTAGE ^{1,3}	INPUT RANGE ^{2,3}	BATTERY VOLTAGE	CHARGE CURRENT ⁴	MODEL NUMBER
5000VA 4200W	230VAC	180- 270VAC	48V	20A/35A	INVC5048H
5000VA 4200W	230VAC	180- 270VAC	96V	10A/15A	INVC5096H ⁵

Notes

1. Inverter section front panel programmable to 220/230/240VAC.
2. Can be programmed to operate from 100-270VAC from front panel (generator mode).
3. Not suitable for use with 120VAC or 208VAC cross-phase mains supplies.
4. Programmable from front panel.
5. Available to special order, please consult sales.

TYPICAL INSTALLATION



BATTERIES

RATING	48V RUN TIME ¹	96V RUN TIME ¹	BRAND	ORDER CODE ²	AVAILABILITY ³
60AH	23 mins.	45 mins.	Northstar	NSB60-FT	North America
100AH	55 mins.	110 mins.	Northstar	NSB100-FT	North America
170AH	100 mins.	200 mins.	Northstar	NSB170-FT	North America
55AH	15 mins.	30 mins.	Wing	ESL55-12FT	Europe
100AH	53 mins.	105 mins.	Wing	ESL100-12FT	Europe
180AH	90 mins.	180 mins.	Wing	ESL180-12FT	Europe

Notes: 1. At 4200W load. 2. 12V block. 3. Normal stock locations.

