

## Chic (800VA/12V)



Su-Kams CHIC-800VA, 3-function DC-to-AC inverter with auto AC-to-battery transfer and integrated charging system serves as an extended run standalone power source or a household inverter. This Inverter is designed by using Micro-controller which controls the charging as well as generates PWM at Inverter mode. Supplies up to 560 VA of continuous 220V AC power to one AC outlet from any 12V inverter battery or DC source.

When AC cable is connected to a live wall socket, commercial power passes through to connected equipment and the battery is recharged via 5 stage, 10 amp charging system. Reliable large transformer design with efficient PWM output and frequency control powers resistive, inductive and capacitive loads. The inverter responds to blackouts as well as brownouts at low and high voltage and comes on the inverter/battery mode automatically. The length of time the inverter operates depends on the amp-hour capacity of the battery bank.

- Micro Controller based PWM technology using MOSFETS
- **Soft start** capability for starting heavy loads
- **Fuzzy Logic Control** charging system
- Auto reset feature for overload, short circuit, low battery on inverter mode
- High and low input voltage protection for the connected appliances
- Modified Square Wave Output
- Generator compatible
- Strong charger to support batteries of 190 AH.
- Recommended battery capacity:100-180 AH.
- 12V DC input, 220 V AC output