



# **HOME *Inverter***

## **Sinewave Home Inverter**



**Smart House With**  
***HOME INVERTER***

# 1. INTRODUCTION

This is an advanced inverter which provides pure sine wave power to your equipment. Unlike the traditional inverter, this series also provides low harmonic distortion and has a very short transfer time when blackouts occur. It provides an efficiency over 98% under normal power condition. Two charge modes, quick charge and trickle charge, are provided to maintain the batteries in best condition.

# 2. MAIN FEATURES

- \*Pure sine wave output.
- \*Microprocessor based design.
- \*Smart charging.
- \*Real time auto-detection for battery condition.
- \*Protection for overload, short circuit, & over temp.
- \*Isolation between battery and AC utility.
- \*Outstanding dynamic performance.
- \*Speed control for cooling fan.

# 3. SPECIFICATION

Model	HIL 006	HIL 015	HIL 030
Rated capacity	600VA	1500VA	3000VA
Battery voltage	12/24/36/48		
AC input voltage range	Inverter Mode: 100-290±5(VAC)		
AC input frequency range	45-65Hz		
Output voltage(AC mode)	Inverter Mode: 150-255±5(VAC)		
Output voltage(Battery mode)	220±10(Vac)		
Output frequency(Battery mode)	50Hz±0.5Hz		
Output wave form(Battery mode)	Sine wave		
Transfer time	< 10ms		
Max charging current	10A/20A (selectable)		
Operating temperature	0-40°C		
Humidity	10 to 90% non condensing		