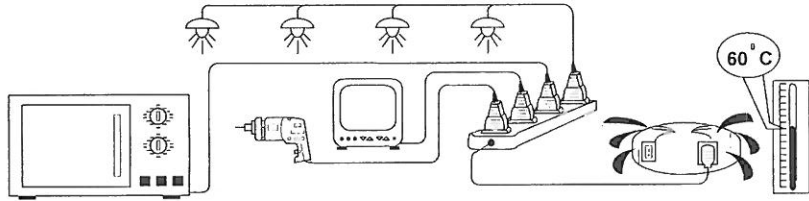



IF THE TOTAL WATTS OF ELECTRICAL APPLIANCES EXCEEDS THE OUTPUT CAPACITY OF INVERTER. OR AFTER OPERATING FOR A PERIOD OF TIME. IF THE TEMPERATURE OF THE INVERTER REACHES 60 °C , THE INVERTER SHALL BE REDUCED AC OUTPUT BY THE PROTECTION CIRCUIT.

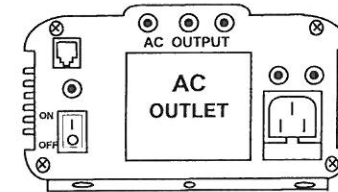
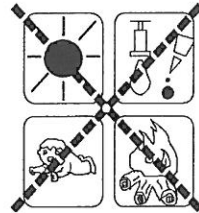


 **PURE SINEWAVE**
FULL AUTOMATIC DC-AC 350W INVERTER
WITH BUILT-IN 10A or 5A BATTERY CHARGER

DC12V or 24V to AC220V~240V
Instruction Manual
Please read user manual before use.

CAUTION

- * ALWAYS PLACE THE INVERTER IN AN ENVIRONMENT WHICH IS :
- (A) WELL VENTILATED
 - (B) NOT EXPOSED TO DIRECT SUNLIGHT OR HEAT SOURCE
 - (C) OUT OF REACH FROM CHILDREN
 - (D) AWAY FROM WATER/MOISTURE, OIL OR GREASE
 - (E) AWAY FROM ANY FLAMMABLE SUBSTANCE



USEFUL APPLICATIONS

RUN NOTEBOOK COMPUTERS, RADIOS, TVS, VCERS,
LAMPS, FANS, FAX, DRILL, ETC.

SPECIFICATION

INPUT VOLTAGE RANGE : DC 10~15V (12V) // DC 20~30V (24V)

INPUT FULL LOAD CURRENT : 35A (12V) // 17A (24V)

STANDBY INPUT CURRENT : <0.7A (12V) // <0.5A (24V)

OUTPUT VOLTAGE (AC) : 220V~240V

OUTPUT WAVEFORM : PURE SINEWAVE

OUTPUT FREQUENCY : 50Hz or 60Hz

CONTINUE OUTPUT POWER : 350W

PEAK OUTPUT POWER : 700W

EFFICIENCY : 85~90%

BATTERY LOW PRE-ALARM : $10.5 \pm 0.5V$ (12V) // $21 \pm 0.5V$ (24V)

BATTERY LOW SHUTDOWN : $10 \pm 0.5V$ (12V) // $20 \pm 0.5V$ (24V)

THERMAL PROTECT : $60 \pm 5^{\circ}C$ (MICROCONTROLLER)

AUTO-OPERATION FAN (TEMPERATURE OR LOAD)

OVERLOAD PROTECT : YES (MICROCONTROLLER)

OUTPUT SHORT PROTECT : YES (MICROCONTROLLER)

BATTERY EX. 12V / 24V PROTECT : YES (MICROCONTROLLER)

BATTERY POLARITY PROTECT : YES (BY FUSE)

FUSE : 20A*2PC (12V) // 20A*1PC (24V)

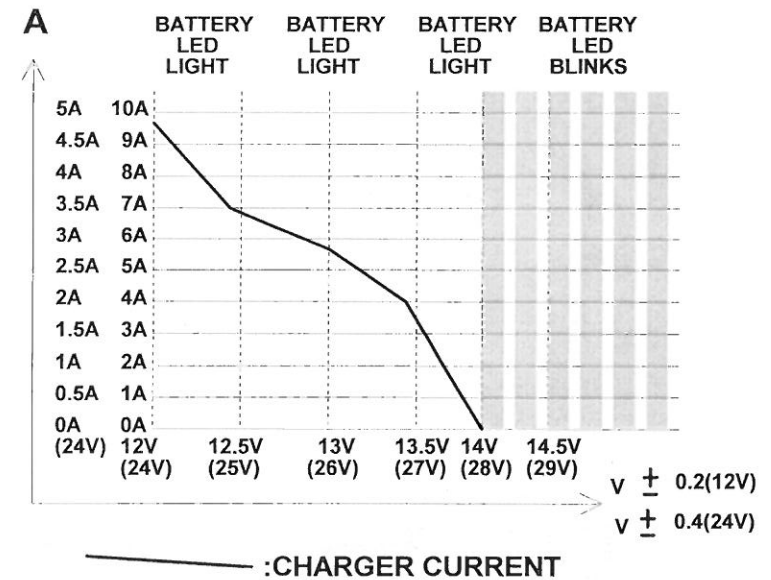
TRANSFER TIME : 16m~20m SEC

CHARGER CURRENT : MAX. 10A (12V) // 5A (24V)

DIMENTION (L*W*H) mm : 385*135*79

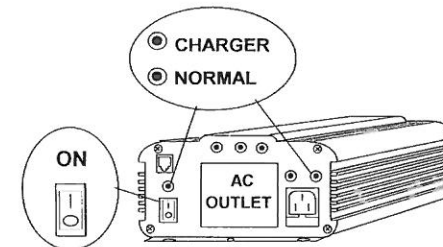
WEIGHT : 2.5 kg

BATTERY LED DARK/LIGHT INDICATIVE CHART.



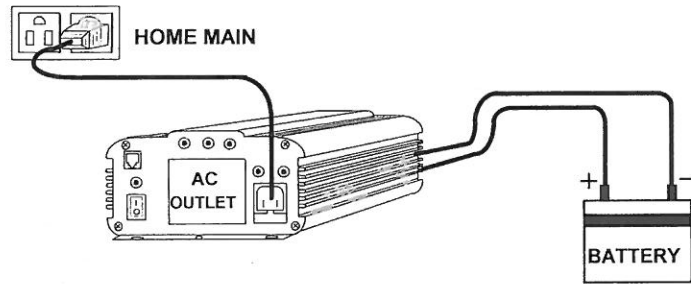
INDICATING SIGN

- NORMAL LIGHTED LED : POWER SWITCH " ON " , INVERTER STANDBY
- NORMAL UNLIGHTED LED : POWER SWITCH " OFF "
- CHARGER LIGHTED LED : BATTERY CHARGING
- CHARGER LED BLINKS : FULL BATTERY
- AC IN LIGHTED LED : MAIN POWER IN



※ CHARGER

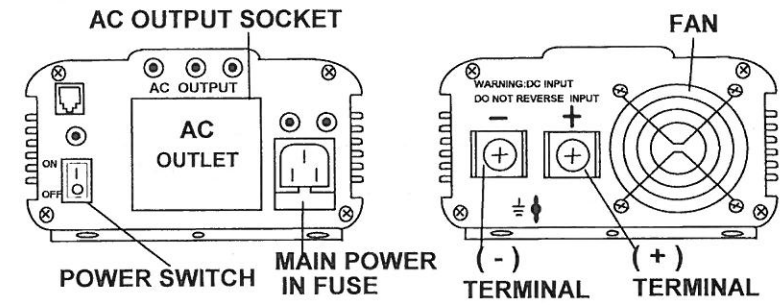
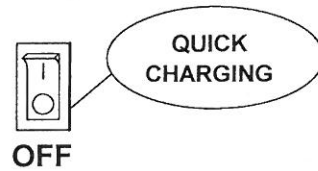
CONNECT AC INPUT POWER CORD TO HOME MAIN SOCKET THEN USE RED BATTERY CORD TO CONNECT (+) OF DC BATTERY TO (+) SINDING POST.AND USE BLACK BATTERY CORD TO CONNECT (-) BATTERY TO (-) SINDING POST.



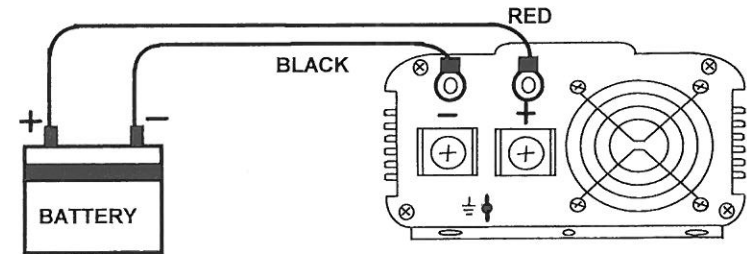
POWER SWITCH ON



POWER SWITCH OFF



CAUTION : DO NOT REVERSE INPUT. USE RED BATTERY CORD TO CONNECT (+) OF A DC BATTERY TO (+) TERMINAL. AND THEN, USE BLACK BATTERY CORD TO CONNECT (-) BATTERY TO (-) TERMINAL.



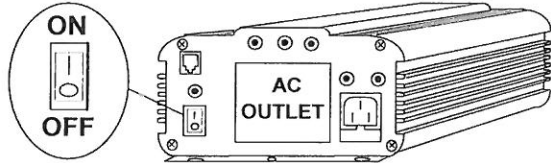
WARNING SIGNAL

Condition	Warning signal cycle	Shutdown signal cycle
Low battery alarm:	BI BI BI (pause)	BEE BEE BEE (pause)
Over heating alarm:	BI BI (pause)	BEE BEE (pause)
Over Load alarm:		BEE (longer beep)

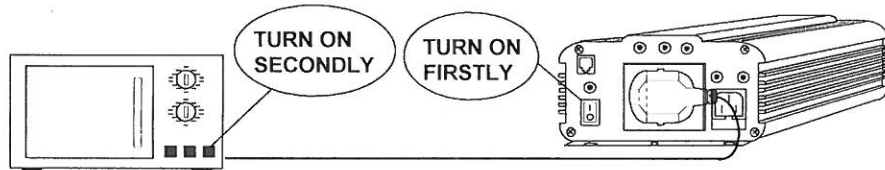
Note: BI is a short beep, and BEE is a longer beep.

※ USE INVERTER

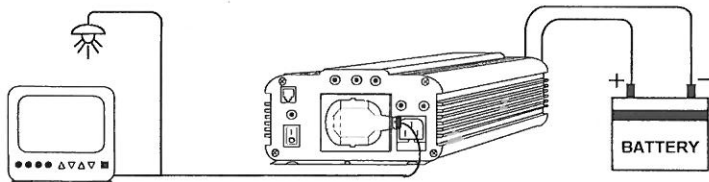
STEP1:
SET THE POWER SWITCH AT THE OFF



STEP2:
WHEN CONNECTED TO ANY APPLIANCE, BE SURE TO TURN ON INVERTER FIRST. AND THEN, TURN ON THE POWER SWITCH OF THE APPLIANCE.



DO NOT USE THE INVERTER EXCEED ITS MAXIMUM OUTPUT POWER, WHEN CONNECTED TO ANY APPLIANCE. MAKE SURE THE TOTAL STARTING POWER CAPACITY DOES NOT EXCEED THE MAXIMUM OUTPUT POWER OF THE INVERTER.



※ AS UPS

IF YOU WANT TO USE THIS UNIT AS U.P.S. FUNCTION , TURN ON THE SWITCH OF THE INVERTER AT FIXED POSITON FIRSTLY. WHEN THE BLACK OUT OCCURS IN THE MEANTIME, THE INVERTER WILL DIVERT AUTOMATICALLY FROM HOME ELECTRICITY INTO THE BATTERY TO SUPPLY THE POWER FOR APPARATUS USE CONTINUALLY.

