

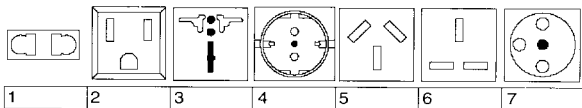
# DC TO AC POWER INVERTER

## Instruction Manual

Please read user manual before use.

➤	<u>150W.....</u>	<u>1</u>
➤	<u>300W.....</u>	<u>3</u>
➤	<u>400W.....</u>	<u>5</u>
➤	<u>600W.....</u>	<u>7</u>
➤	<u>800W.....</u>	<u>9</u>
➤	<u>1000W.....</u>	<u>11</u>
➤	<u>1200W.....</u>	<u>12</u>
➤	<u>1700W.....</u>	<u>13</u>

### OUTPUT RECEPTACLES:

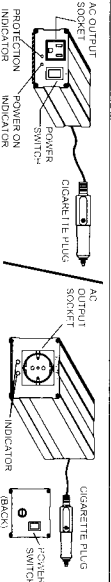


● SPECIFICATION

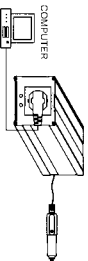
150W

INPUT VOLTAGE RANGE	DC 12V	DC 24V
INPUT FULL LOAD CURRENT	10-15V DC 15A	20-30V DC 10A
STANDBY INPUT CURRENT	0.2A	0.2A
OUTPUT VOLTAGE (AC)	100V,110V,120V,220V, 230V,240V	100V,110V,120V,220V, 230V,240V
OUTPUT WAVEFORM	MODIFY SINEWAVE	MODIFY SINEWAVE
OUTPUT FREQUENCY	50HZ,60HZ	50HZ,60HZ
CONTINUE OUTPUT POWER	150W	150W
PEAK OUTPUT POWER	300W	300W
EFFICIENCY	90%	90%
BATTERY LOW ALARM	10+/- 0.5V DC	20+/-0.8V DC
BATTERY LOW SHUTDOWN	9.5+/- 0.5V DC	19+/-0.8V DC
THERMAL PROTECT	60+/-5DEG C	60+/-5DEG C
OVERLOAD PROTECT	YES	YES
OUTPUT SHORT PROTECT	YES	YES
HIGH VOLTAGE INPUT PROTECT	YES	YES
BATTERY POLARITY PROTECT	YES (BY FUSE)	YES (BY FUSE)
FUSE	15A 122 * 77 * 45 mm (TYPE ①,②)	10A 122 * 77 * 45 mm (TYPE ①,②)
DIMENTION ( L*W*H)	122 * 77 * 70 mm (OTHER)	122 * 77 * 70 mm (OTHER)
WEIGHT	450g (TYPE ①,②) 550g (OTHER)	450g (TYPE ①,②) 550g (OTHER)

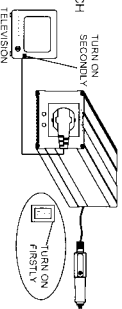
\*\*150W\*\*



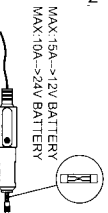
START THE ENGINE OF CAR, WHEN CONNECTED TO ANY APPLIANCE, DOES NOT EXCEED THE MAXIMUM OUTPUT POWER OF THE INVERTER.



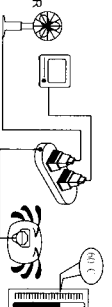
WHEN CONNECTED TO ANY APPLIANCE, BE SURE TO TURN ON INVERTER FIRST, AND THEN, TURN ON THE POWER SWITCH OF THE APPLIANCE.



DURING OPERATION, WHEN THE POWER SWITCH IS ON, IF POWER ON INDICATOR IS NO LIGHTEDS, PLEASE CHECK THE FUSE IN THE CIGARETTE PLUG. IF THE FUSE IS SPILT, FOR REPLACEMENT, USE THE SAME CURRENT FUSE.



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 BUZZER KEEP SOUNDING FOR ONE MINUTE AND SHUTDOWN THE POWER AFTER ONE MINUTE. BY THE PROTECTION CIRCUIT.



WHEN THIS SITUATION OF OUTPUT SHORT OVERLOAD OVERTEMPERATURE HAPPEN, LED WILL TELL WHAT HAPPEN IN DIFFERENT SPARK SPEED FOR USER THEMSELVES TO SOLVE DIFFERENT KINDS OF PROBLEMS

WORKING O.K.---GREEN LED LIGHT  
 LOW VOLTAGE INPUT---YELLOW LED KEEP BRIGHT  
 HIGH VOLTAGE INPUT---GREEN LED FLASH SLOWLY EVERY 1.5 SEC  
 OVERTEMPERATURE---GREEN LED LIGHT AND YELLOW LED FLASH FAST EVERY 0.3 SEC FOR ONE MINUTE AND THEN CUT-OFF  
 OVERLOAD---GREEN LED LIGHT AND YELLOW LED FLASH SLOWLY EVERY 1.5 SEC.

● SPECIFICATION

300W

	DC 12V	DC 24V
INPUT VOLTAGE RANGE	10-15V DC	20-30V DC
INPUT FULL LOAD CURRENT	35A	15A
STANDBY INPUT CURRENT	0.36A	0.2A
OUTPUT VOLTAGE (AC)	100V,110V,120V,220V, 230V,240V	100V,110V,120V,220V, 230V,240V
OUTPUT WAVEFORM	MODIFY SINEWAVE	MODIFY SINEWAVE
OUTPUT FREQUENCY	50HZ,60HZ	50HZ,60HZ
CONTINUE OUTPUT POWER	300W	300W
OUTPUT POWER	350W (30min)	350W (30min)
PEAK OUTPUT POWER	600W	600W
EFFICIENCY	90%	90%
BATTERY LOW ALARM SHUTDOWN	10+/-0.5V DC	20+/-0.8V DC
BATTERY LOW SHUTDOWN	9.5+/-0.5V DC	19+/-0.8V DC
THERMAL PROTECT	60+/-5DEG C	60+/-5DEG C
OVERLOAD PROTECT	YES	YES
OUTPUT SHORT PROTECT	YES	YES
HIGH VOLTAGE INPUT PROTECT	YES	YES
BATTERY POLARITY PROTECT	YES (BY FUSE)	YES (BY FUSE)
FUSE	CIGARETTE PLUG	10A
	BATTERY CORD	20A
DIMENTION (L*W*H)	165 * 88 * 74 mm	165 * 88 * 74 mm
WEIGHT	900G	900G

\*\*\*300W\*\*\*

**AC OUTPUT SOCKET**

**FAN**

**POWER SWITCH**

**AC OUTPUT SOCKET**

**POWER SWITCH**

**AC OUTPUT SOCKET**

**POWER SWITCH**

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

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.

DURING OPERATION, WHEN THE POWER SWITCH IS ON, IF POWER ON INDICATOR IS NO LIGHTED, PLEASE CHECK THE FUSE IN THE BATTERY CORD. IF THE FUSE IS SPILT FOR REPLACEMENT, USE THE SAME (THRETT FUSE).

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 BUZZER KEEP SOUNDING FOR ONE MINUTE AND SHUTDOWN THE POWER AFTER ONE MINUTE BY THE PROTECTION CIRCUIT.

WISDOM FAN START : WHEN THE OUTPUT REACH 100W OR THE TEMPERATURE REACH OVER 40°C,THE FAN WILL START AUTOMATICALLY.

WHEN THESE SITUATION OF OUTPUT SHORT, OVERLOAD, OVERTEMPERATURE HAPPENEDS WILL TELL WHAT HAPPEN IN DIFFERE SPARK SPEED FOR USER THEMSELVES TO SOLVE DIFFERENT KINDS OF PROBLEMS

LOW VOLTAGE INPUT---RED LED KEEP BRIGHT

HIGH VOLTAGE INPUT---RED LED SPARK

OVERTEMPERATURE---RED LED SPEEDY SPARK AND SHUTDOWN AFTER BUZZER KEEP SOUNDING ONE MINUTE

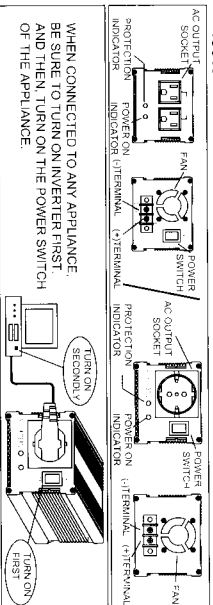
OVERLOAD---RED LED SLOWLY SPARK

● SPECIFICATION

400W

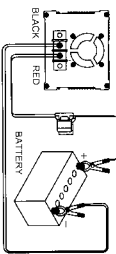
	DC 12V	DC 24V
INPUT VOLTAGE RANGE	10-15V DC	20-30V DC
INPUT FULL LOAD CURRENT	40A	20A
STANDBY INPUT CURRENT	0.36A	0.2A
OUTPUT VOLTAGE (AC)	100V/110V/120V/220V, 230V/240V	100V/110V/120V/220V, 230V/240V
OUTPUT WAVEFORM	MODIFY SINEWAVE	MODIFY SINEWAVE
OUTPUT FREQUENCY	50HZ/60HZ	50HZ/60HZ
CONTINUE OUTPUT POWER	400W	400W
PEAK OUTPUT POWER	800W	800W
EFFICIENCY	90%	90%
BATTERY LOW ALARM	10 +/- 0.5V DC	20 +/- 0.8V DC
BATTERY LOW SHUTDOWN	9.5 +/- 0.5V DC	19 +/- 0.8V DC
THERMAL PROTECT OVERLOAD PROTECT	60 +/- 5DEG C	60 +/- 5DEG C
OUTPUT SHORT PROTECT	YES	YES
HIGH VOLTAGE INPUT PROTECT	YES	YES
BATTERY POLARITY PROTECT	YES (BY FUSE)	YES (BY FUSE)
FUSE	25A * 2	35A
DIMENSION (L*W*H)	181 * 88 * 74 mm	181 * 88 * 74 mm
WEIGHT	1300g	1300g

\*\*\*400W\*\*\*

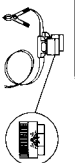


WHEN CONNECTED TO ANY APPLIANCE, BE SURE TO TURN ON INVERTER FIRST, AND THEN TURN ON THE POWER SWITCH OF THE APPLIANCE.

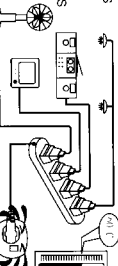
CAUTION: DO NOT REVERSE INPUT. USE RED BATTERY CORD TO CONNECT (+) OF A DC BATTERY TO (+) TERMINAL, AND THEN USE BLACK BATTERY CORD TO CONNECT (-) BATTERY TO (-) TERMINAL.



DURING OPERATION, WHEN THE POWER SWITCH IS ON, IF POWER ON INDICATOR IS NO LIGHTED, PLEASE CHECK THE FUSE IN THE BATTERY CORD. IF THE FUSE IS SPILT, FOR REPLACEMENT, USE THE SAME CURRENT FUSE.



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 BUZZER KEEP SOUNDING FOR ONE MINUTE AND SHUTDOWN THE POWER AFTER ONE MINUTE BY THE PROTECTION CIRCUIT.



WISDOM FAN START : WHEN THE OUTPUT REACH 100W OR THE TEMPERATURE REACH OVER 40 °C THE FAN WILL START AUTOMATICALLY.



WHEN THESE SITUATION OF OUTPUT SHORT, OVERLOAD, OVERTEMPERATURE HAPPEN, LED WILL TELL WHAT HAPPEN IN DIFFERENT KINDS OF PROBLEMS

LOW VOLTAGE INPUT---RED LED KEEP BRIGHT

HIGH VOLTAGE INPUT---RED LED SPARK

OVERTEMPERATURE---RED LED SPEEDY SPARK AND SHUTDOWN AFTER BUZZER KEEP SOUNDING ONE MINUTE

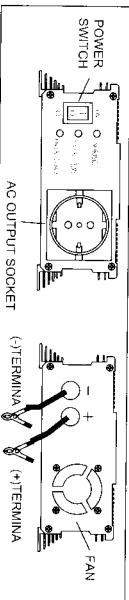
OVERLOAD---RED LED SLOWLY SPARK

● SPECIFICATION

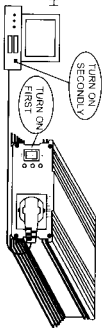
600W

INPUT VOLTAGE RANGE	DC 12V	DC 24V
INPUT FULL LOAD CURRENT	10-15V DC 60A	20-30V DC 30A
STANDBY INPUT CURRENT	0.5A	0.35A
OUTPUT VOLTAGE (AC)	100V,110V,120V,220V,230V,240V	100V,110V,120V,220V,230V,240V
OUTPUT WAVEFORM	MODIFY SINEWAVE	MODIFY SINEWAVE
OUTPUT FREQUENCY	50HZ,60HZ	50HZ,60HZ
CONTINUE OUTPUT POWER	600W	600W
PEAK OUTPUT POWER	1500W	1500W
EFFICIENCY	85-90%	85-90%
BATTERY LOW ALARM	10 +/- 0.5V DC	20 +/- 0.8V DC
BATTERY LOW SHUTDOWN	9.5 +/- 0.5V DC	19 +/- 0.8V DC
THERMAL PROTECT OVERLOAD PROTECT	60 +/- 5DEG C	60 +/- 5DEG C
OUTPUT SHORT PROTECT	YES	YES
HIGH VOLTAGE INPUT PROTECT	YES	YES
BATTERY POLARITY PROTECT	YES (BY FUSE)	YES (BY FUSE)
FUSE	30A * 3	20A * 3
DIMENTION (L*W*H)	213 * 200 * 70 mm	213 * 200 * 70 mm
WEIGHT	2000g	2000g

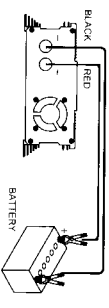
\*\*600W\*\*



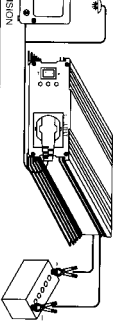
WHEN CONNECTED TO ANY APPLIANCE BE SURE TO TURN ON INVERTER FIRST AND THEN TURN ON THE POWER SWITCH OF THE APPLIANCE.



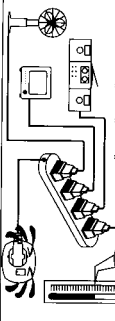
CAUTION: DO NOT REVERSE INPUT. USE RED BATTERY CORD TO CONNECT (+) OF A DC BATTERY TO (+) TERMINAL AND THEN USE BLACK BATTERY CORD TO CONNECT (-) BATTERY TO (-) TERMINAL.



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



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 SHUTDOWN AC OUTPUT BY THE PROTECTION CIRCUIT.



WINDOW FAN START : WHEN THE OUTPUT REACH 200W OR THE TEMPERATURE REACH OVER 45°C, THE FAN WILL START AUTOMATICALLY.

WHEN THESE SITUATION OF OVERLOAD, OVERTEMPERATURE, ETC. HAPPEN RED OR YELLOW LED WILL BRIGHT TO TELL WHAT HAPPEN FOR USER THEMSELVES TO SOLVE DIFFERENT KINDS OF PROBLEMS.

LOW VOLTAGE INPUT---RED LED KEEP BRIGHT

HIGH VOLTAGE INPUT---RED LED SPEEDLY SPARK

OVERTEMPERATURE---YELLOW LED SLOWLY SPARK AND SHUTDOWN AFTER OVERLOAD---RED LED SLOWLY SPARK

# SPECIFICATION

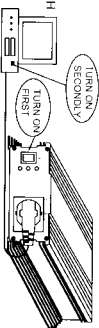
800W

INPUT VOLTAGE RANGE	DC 12V	DC 24V
INPUT FULL LOAD CURRENT	10-15V DC 82A	20-30V DC 40A
STANDBY INPUT CURRENT	0.5A	0.4A
OUTPUT VOLTAGE (AC)	100V/110V/120V/220V/230V/240V	100V/110V/120V/220V/230V/240V
OUTPUT WAVEFORM	MODIFY SINEWAVE	MODIFY SINEWAVE
OUTPUT FREQUENCY	50HZ,60HZ	50HZ,60HZ
CONTINUE OUTPUT POWER	800W	800W
PEAK OUTPUT POWER	2000W	2000W
EFFICIENCY	85-90%	85-90%
BATTERY LOW ALARM	10 +/-0.5V DC	20 +/-0.8V DC
BATTERY LOW SHUTDOWN	9.5 +/-0.5V DC	19 +/-0.8V DC
THERMAL PROTECT OVERLOAD	60 +/-5DEG C	60 +/-5DEG C
OUTPUT SHORT PROTECT	YES	YES
BATTERY EX PROTECT	YES	YES
BATTERY POLARITY PROTECT	YES (BY FUSE)	YES (BY FUSE)
FUSE	30A * 4 280 * 200 * 70 mm	20A * 4 280 * 200 * 70 mm
WEIGHT	2600g	2600g

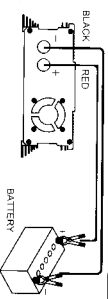
**\*\* 800W\*\***



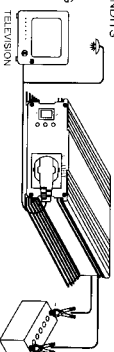
WHEN CONNECTED TO ANY APPLIANCE BE SURE TO TURN ON INVERTER FIRST AND THEN TURN ON THE POWER SWITCH OF THE APPLIANCE.



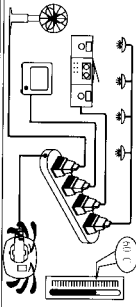
CAUTION:DO NOT REVERSE INPUT USE RED BATTERY CORD TO CONNECT (+) OF A DC BATTERY TO (+) TERMINAL AND THEN USE BLACK BATTERY CORD TO CONNECT (-) BATTERY TO (-) TERMINAL.



DO NOT USE THE INVERTER BEYONDS 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.



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 80 °C, THE INVERTER SHALL BE SHUTDOWN AC OUTPUT BY THE PROTECTION CIRCUIT.



WISDOM FAN START : WHEN THE OUTPUT REACH 250W OR THE TEMPERATURE REACH OVER 45 °C,THE FAN WILL START AUTOMATICALLY



WHEN THESE SITUATION OF OVERLOAD OR OVERTEMPERATURE---ETC. HAPPEN RED OR YELLOW LED WILL BRIGHT TO TELL WHAT HAPPEN FOR USER THEMSELVES TO SOLVE DIFFERENT KINDS OF PROBLEMS

LOW VOLTAGE INPUT---RED LED KEEP BRIGHT

HIGH VOLTAGE INPUT---RED LED SPEEDLY SPARK

OVERTEMPERATURE---BUZZER WILL SPARK AND SHUTDOWN.AFTER BUZZER KEEP SOUNDING ONE MINUTE

OVERLOAD---RED LED SLOWLY SPARK

● SPECIFICATION

1000W

	DC 12V	DC 24V
INPUT VOLTAGE RANGE	10-15V DC	20-30V DC
INPUT FULL LOAD CURRENT	110A	55A
STANDBY INPUT CURRENT	0.4A	0.2A
OUTPUT VOLTAGE (AC)	100V,110V,120V,220V, 230V,240V	100V,110V,120V,220V, 230V,240V
OUTPUT WAVEFORM	MODIFY SINEWAVE	MODIFY SINEWAVE
OUTPUT FREQUENCY	50HZ,60HZ	50HZ,60HZ
CONTINUE OUTPUT POWER	1000W	1000W
OUTPUT POWER	1200W ( 30min )	1200W ( 30min )
PEAK OUTPUT POWER	2400W	2400W
EFFICIENCY	85-90%	85-90%
BATTERY LOW ALARM	10 ± 0.5V DC	21 ± 0.8V DC
BATTERY LOW SHUTDOWN	9.5 ± 0.5V DC	20 ± 0.8V DC
THERMAL PROTECT	60+/-5DEG C	60+/-5DEG C
OVERLOAD PROTECT	YES	YES
HIGH DC INPUT VOLTAGE PROTECT	15.5+/-0.5V DC	30+/-0.8V DC
AC OUTPUT SHORT PROTECT	AUTO RESUME AFTER SOLVE SHORT PROBLEM	AUTO RESUME AFTER SOLVE SHORT PROBLEM
BATTERY POLARITY PROTECT	YES (BY FUSE)	YES (BY FUSE)
FUSE	30A * 5 PCS	15A * 5 PCS
DIMENTION ( L*W*H)	320 * 210 * 85 mm	320 * 210 * 85 mm
WEIGHT	3300g	3300g

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● SPECIFICATION

1200W

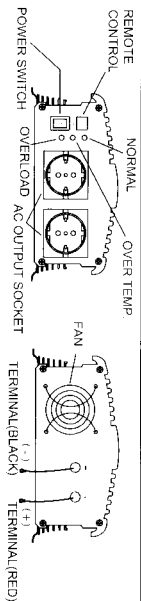
	DC 12V	DC 24V
INPUT VOLTAGE RANGE	10-15V DC	20-30V DC
INPUT FULL LOAD CURRENT	130A	65A
STANDBY INPUT CURRENT	0.4A	0.2A
OUTPUT VOLTAGE (AC)	100V,110V,120V,220V, 230V,240V	100V,110V,120V,220V, 230V,240V
OUTPUT WAVEFORM	MODIFY SINEWAVE	MODIFY SINEWAVE
OUTPUT FREQUENCY	50HZ,60HZ	50HZ,60HZ
CONTINUE OUTPUT POWER	1200W	1200W
OUTPUT POWER	1400W ( 30min )	1400W ( 30min )
PEAK OUTPUT POWER	2400W	2400W
EFFICIENCY	85-90%	85-90%
BATTERY LOW ALARM	10 ± 0.5V DC	21 ± 0.8V DC
BATTERY LOW SHUTDOWN	9.5 ± 0.5V DC	20 ± 0.8V DC
THERMAL PROTECT	60+/-5DEG C	60+/-5DEG C
OVERLOAD PROTECT	YES	YES
HIGH DC INPUT VOLTAGE PROTECT	15.5+/-0.5V DC	30+/-0.8V DC
AC OUTPUT SHORT PROTECT	AUTO RESUME AFTER SOLVE SHORT PROBLEM	AUTO RESUME AFTER SOLVE SHORT PROBLEM
BATTERY POLARITY PROTECT	YES (BY FUSE)	YES (BY FUSE)
FUSE	35A * 5	20A * 5
DIMENTION ( L*W*H)	320 * 210 * 85 mm	320 * 210 * 85 mm
WEIGHT	3900g	3900g

12

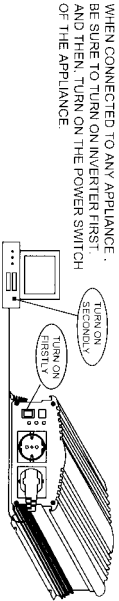
**SPECIFICATION**

	1700W		1700W
INPUT VOLTAGE RANGE	DC 12V		DC 24V
INPUT FULL LOAD CURRENT	10-15V DC 170A		20-30V DC 85A
STANDBY INPUT CURRENT	0.6A		0.28A
OUTPUT VOLTAGE (AC)	100V,110V,120V,220V, 230V,240V		100V,110V,120V,220V, 230V,240V
OUTPUT WAVEFORM	MODIFY SINEWAVE		MODIFY SINEWAVE
OUTPUT FREQUENCY	50HZ,60HZ		50HZ,60HZ
CONTINUE OUTPUT POWER	1500W		1500W
OUTPUT POWER	1700W ( 30min )		1700W ( 30min )
PEAK OUTPUT POWER	3000W		3000W
EFFICIENCY	85-90%		85-90%
BATTERY LOW ALARM	10 +/-0.5V DC		21 +/-0.8V DC
BATTERY LOW SHUTDOWN	9.5 +/-0.5V DC		20 +/-0.8V DC
THERMAL PROTECT	60 +/-5DEG C		60 +/-5DEG C
OVERLOAD PROTECT	YES		YES
HIGH DC INPUT VOLTAGE PROTECT	15.5 +/-0.5V DC		30 +/-0.8V DC
AC OUTPUT SHORT PROTECT	AUTO RESUME AFTER SOLVE SHORT PROBLEM		AUTO RESUME AFTER SOLVE SHORT PROBLEM
BATTERY POLARITY PROTECT	YES (BY FUSE)		YES (BY FUSE)
FUSE	30A *10PCS		15A *10PCS
DIMENTION (L*W*H)	458 * 210 * 85 mm		458 * 210 * 85 mm
WEIGHT	5500g		5500g

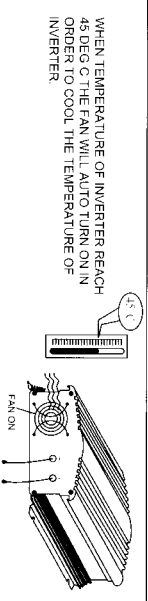
**\*\*1000W / 1200W / 1700W\*\***



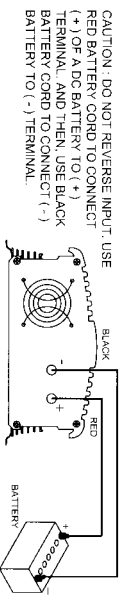
WHEN CONNECTED TO ANY APPLIANCE, BE SURE TO TURN ON INVERTER FIRST AND THEN, TURN ON THE POWER SWITCH OF THE APPLIANCE.



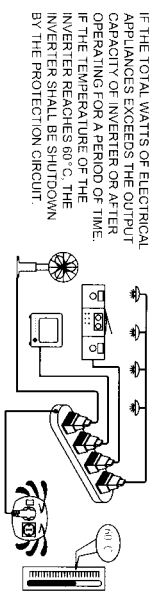
WHEN TEMPERATURE OF INVERTER REACH 45 DEG C THE FAN WILL AUTO TURN ON IN ORDER TO COOL THE TEMPERATURE OF INVERTER



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



IF THE TOTAL WATTS OF ELECTRICAL APPLIANCE 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 SHUTDOWN BY THE PROTECTION CIRCUIT.



## TROUBLESHOOTING

IF THE INVERTER DOES NOT APPEAR TO BE FUNCTIONING PROPERLY, THERE ARE SEVERAL REASONS WHY THE INVERTER MAY NOT BE RESPONDING.

1) POOR CONTACT

\*CLEAN CONTACT PARTS THOROUGHLY.

2) RECEPTACLE HAS NO POWER

\*CHECK CAR FUSE, REPLACE DAMAGED FUSE.

\*CHECK RECEPTACLE WIRING. REPAIR IF NECESSARY

3) FUSE IS BLOWN

\*THE FUSE IS LOCATED INSIDE THE DC PLUG (150W~400W) OR THE P.C.B. (600W~1700W) REPLACE FUSE WITH A FUSE OF EQUIVALENT VALUE.

4) OVERLOAD CAUSED AC OUTPUT SHUTDOWN.

\*REDUCE THE WATTAGE OF YOUR LOAD TO LOWER THAN MAX WATTS.

5) THERMAL CAUSED AC OUTPUT SHUTDOWN

\*UNDER HEAVY LOADS FOR EXTENDED PERIODS OF TIME.

THE AC INVERTER WILL SHUTDOWN OUTPUT TO PREVENT DAMAGE TO EXCESS HEAT. IF THIS HAPPENS, PLEASE PROCEED AS BELOW :

(A) SWITCH OFF THE POWER SWITCH OF THIS INVERTER.

(B) DECREASE LOAD OF THIS MACHINE I. E. DISCONNECT SOME OF THE APPLIANCES OR WAIT UNTIL THIS INVERTER BECOME COOL.

(C) SWITCH ON THE POWER SWITCH OFF THIS INVERTER.

6) LOW-BATTERY SHUTDOWN

\*RECHARGE YOUR BATTERY AND RESUME OPERATION.

## 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

