

**Features:**

- \* 12V or 24V DC input
- \* Modified sine wave output
- \* U.P.S function
- \* Automatic Battery Charger
- \* Energy saving mode
- \* Output voltage regulation:5%
- \* High efficiency up to 91%
- \* Power ON-OFF switch
- \* Standby saving mode
- \* Front panel indicator for operation status
- \* Thermostatically controlled cooling fan
- \* Topology: Microprocessor
- \* Protections: Bat. Low alarm / Bat. Low shutdown / Over voltage  
Over temp. / Output short / Input polarity reverse / Overload
- \* Approvals: EMC/LVD/e13/CE/SGS/ROHS/ISO 9001



Made in Taiwan

**SPECIFICATION**

ITEM	SP-1000C	
OUTPUT POWER	CONTINUOUS POWER 1000W	SURGE POWER 2400W
STANDBY CURRENT	DC 12V <0.4A	DC 24V <0.3A
INPUT VOLTAGE	DC 12V: 10V~15V	DC 24V: 20V~30V
OUTPUT VOLTAGE	AC 220V	AC 220V
OUTPUT WAVEFORM	MODIFIED SINE WAVE	MODIFIED SINE WAVE
EFFICIENCY	>91 %	>91 %
*INITIAL CHECKING	AUTO-DETECTING WRONG	BATTERY CONT. ex. 12/24
*OUTPUT REGULATION	+/- 5% INTELLIGENT AVR	+/- 5% INTELLIGENT AVR
*OUTPUT FREQUENCY	50Hz , 55Hz , 60Hz CRYSTAL CONTROLLED	50Hz , 55Hz , 60Hz CRYSTAL CONTROLLED
*COOLING	AUTO-OPERATION FAN	AUTO-OPERATION FAN
*OUTPUT SHORT	OUTPUT SHORT CIRCUIT PROTECTION	OUTPUT SHORT CIRCUIT PROTECTION
*LOW BATTERY	<10.5V or 21.5V +/- 0.5V PRE ALARM	<9.5V or 20V +/- 0.5V SHUT DOWN&ALARM
*OVER HEATING	>60C PRE ALARM	>65C SHUT DOWN & ALARM
*OVER LOAD	>1050W PRE-ALARM	>1100W SHUT DOWN & ALARM
BATTERY POLARITY REVERSE	BY FUSE	BY FUSE
FUSE	DC 12V: 20A * 9PCS	DC 24V: 10A * 9PCS
AC OUTLET	1AC OUTLET	1 AC OUTLET
*BATTERY CHARGER	AUTO-INDICATING FULL BATTERY	AUTO-INDICATING FULL BATTERY
*CHARGER CIRCUIT	DC 12V: MAX. 10A	DC 24V: MAX. 5A
*AUTOMATICAL SWITCH	AC LINE ----- > INVERTER	INVERTER ----- > AC LINE
*TRANSFER TIME	AC LINE ----- > INVERTER 16ms	INVERTER ----- > AC LINE 16ms
DIMENSION (L*W*H)	360*195*80mm	360*195*80mm
NET WEIGHT	3.8 Kg	3.8 Kg

\*MARKS ARE OUR UNIQUE FUNCTIONS.