

**Features:**

- \* 12V or 24V DC input
- \* Modified sine wave output
- \* Energy saving mode
- \* Output voltage regulation:5%
- \* High efficiency up to 90%
- \* 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-1200	
OUTPUT POWER	CONTINUOUS POWER 1200W	SURGE POWER 2800W
STANDBY CURRENT	DC 12V <0.5A	DC 24V <0.4A
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	>90 %	>90 %
*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	>1200W PRE-ALARM	>1250W SHUT DOWN & ALARM
BATTERY POLARITY REVERSE	BY FUSE	BY FUSE
FUSE	DC 12V: 25A * 6PCS	DC 24V: 15A * 6PCS
AC OUTLET	2 AC OUTLET	2 AC OUTLET
DIMENSION (L*W*H)	300*195*80mm	300*195*80mm
NET WEIGHT	3.1Kg	3.1Kg

\*MARKS ARE OUR UNIQUE FUNCTIONS.