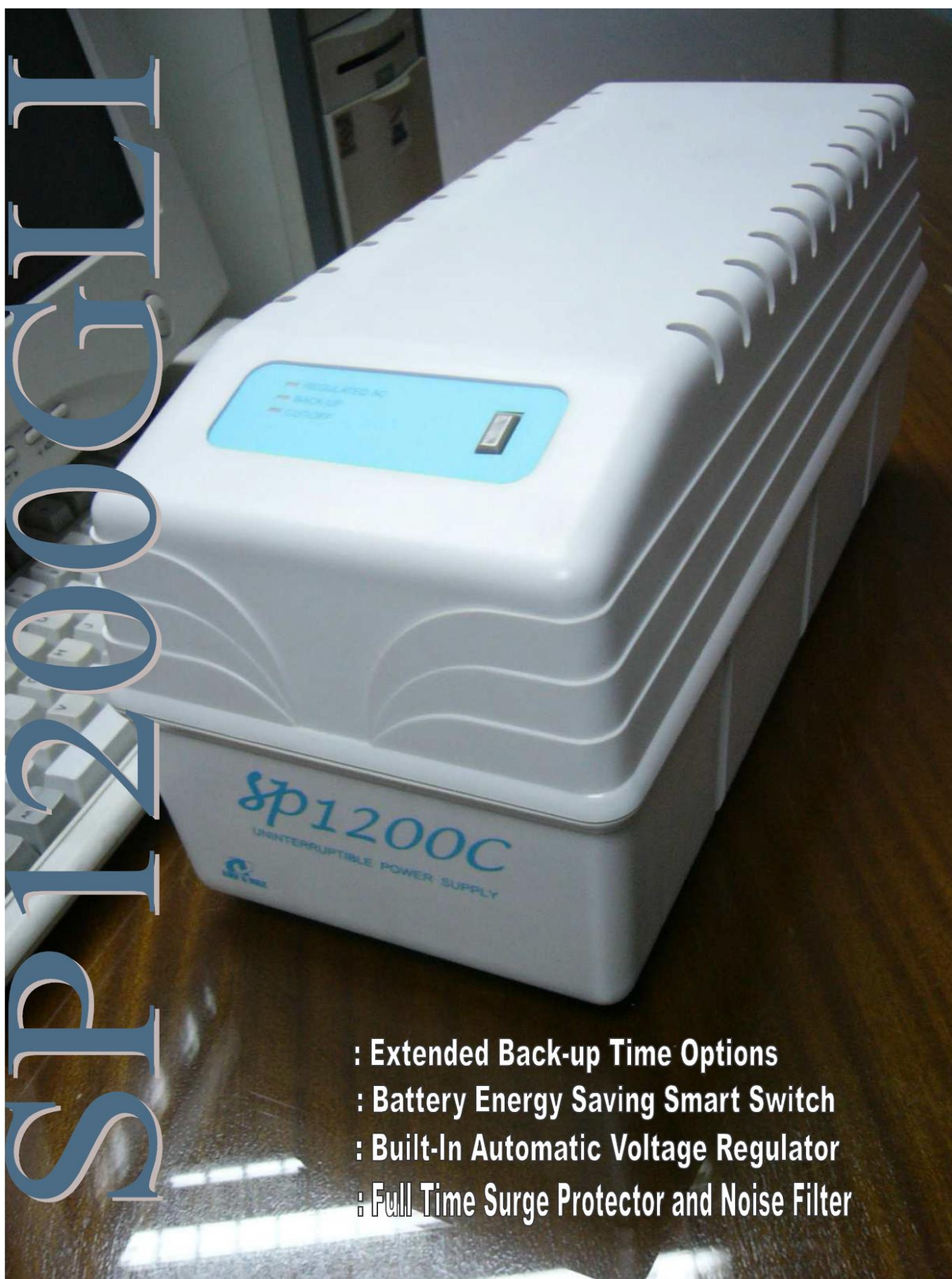





## SP1200GLI UPS



# SP1200GLI UPS

TECHNICAL SPECIFICATIONS	
Model No	SP 1200GLI
Power Rating	1200 VA
INPUT	
Voltage	170 - 290 V
Frequency	50Hz / 60Hz +/- 5%
Over Load	Fuse Protection
OUTPUT	
Voltage (Back-up Mode)	220Vac / 240Vac +/-3%
Frequency	50Hz / 60Hz
Automatic Voltage Regulation	AVR automatically increases (boost-up) output Voltage by 12% if Input Voltage is -10% - 25% of nominal. AVR decreases (buck) Output Voltage by -12% if Input Voltage is +10% to -25% of nominal
Waveform (Utility Mode)	Sine Wave
Waveform (back-up Mode)	Modified Sine Wave with Proper Vrms and Vpeak
Transfer Time	2 ~ 4 ms
Synchronization	Back-up waveform is synchronized to utility supply automatically
PROTECTION	
Surge	4500A (max) instantaneous response
Electrical Noise	EMI / RFI Filter
Overload (Utility)	Fuse
Overload (back-up)	Electronic Cut-off
Battery Over Discharge	Electronic Protection and Audible Alarm
INDICATOR and ALARM	
Green LED "  " light	Normal utility Mode
Amber LED "  " light	Back-up (Battery) Mode
Red LED "  " light	UPS cut-off due to over loading or Low Battery Reserve
Audible (Buzzer)	8 sec interval to indicate Back-up Mode. 1 sec interval (back-up Mode) to indicate Low Battery Reserve 1 sec interval (Utility Mode) to indicate Defective Battery (Battery replacement)
BATTERY	
Type	Sealed Maintenance Free / Flooded / Gel
Designed Operational Life	5 years
Charger	Automatic CICV Topology
Charging Time	6 hours to 70% full charge
Battery Condition Monitoring System	The BCM system test and monitor the condition of the Battery Automatically. LED light and audible alarm will sound every 1 sec if defective battery is detected. The BCM system also control the charging and discharging procedure to protect the battery from being damaged due to "Over-charging" or "Over-Discharged"
OTHERS	
Size (W x H x L) cm	16.8 x 16.6 x 39.6
Weight (Kg)	8
Acoustic	Virtually No Noise
Operating Temperature	0 - 60° C
Operating Humidity	Less than 90% without condensation
LAN Interface	Standard

specifications are subject to change without prior notice.

\* Product made in Malaysia

## Battery Monitoring System (BCM)

The System designed to monitor and control the operational condition of the built-in UPS Batteries. The voltage, current, temperature, energy reserve... of the battery is being monitored and controlled to ensure the maximum battery efficiency and Operational life. Audio / Visual (buzzer and LED light) signals are given to alert the users when defective Battery is detected during the Utility mode before power failure occur, hence pro-active action (Replace Battery) can be taken to prevent catastrophe as Battery is the UPS Life Line.

## Extended Back-up Time Options

The system is designed for extended back-up time with external Battery Banks.

## Communication Interface Port

An optional communication interface on model SP800 and above provides the security of an automatic, unattended shutdown to all major operating systems including :- Windows, NT Unix, Novell and etc.

## Full time Surge Suppression and Noise Filtering

The on-line surge suppression prevents hardware damage, longer system operational life; the Noise filter is designed to prevent EMI / RFI from affecting Computer Operation or introduce "error" into data files.

## On-line AVR

The Automatic Voltage Regulator is always on-line with the computer to step-up the under-voltage, or step-down the over-discharge from the utility supply to a safe level for the computer operation.

## DC "power-on"

Some of the UPS in the market can only be powered-on if the UPS is connected to utility, the Power Master UPS series can be powered-on without connecting to the utility.

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