



# Line Interactive UPS with Stabilizer



## Microprocessor Control

Digitalizing internal system process for increasing efficiency and Responsiveness.



## Boost/Buck Voltage Stabilizer

Adjusting low/high voltage to safe level so that consumers can work indefinitely during brownouts.



## Intelligent Battery Management

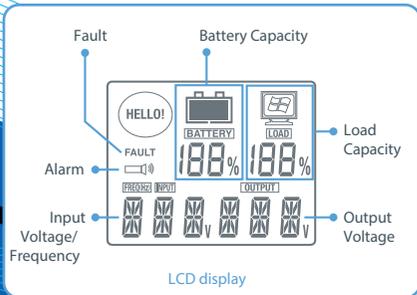
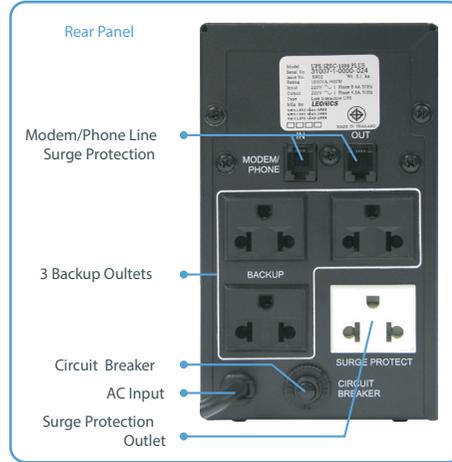
Three-stage charging to shorten recharge time and battery temperature compensation to extend the battery life.



## Cold-start Function

Turning on the UPS without connecting the utility.

- Auto restart while AC recovering
- Off-mode charging
- Simulated sine wave



## SPEC-1000 Plus

Protect your data loss  
Protect your computer

Product from ISO 9001 and ISO 14001 Certified Factory



TIS 1291 Part 1-2553 (2010)  
TIS 1291 Part 2-2553 (2010)  
TIS 1291 Part 3-2556 (2012)



## Line Interactive UPS with Stabilizer

MODEL	SPEC-1000 Plus	
CAPACITY	1000 VA / 400 W	
SYSTEM	UPS system	Line interactive UPS with stabilizer
	Control system	Microprocessor control
	Stabilizer function	Buck / Boost
LOAD APPLICATION	The number of PC*	1 set + printer **
INPUT	Input voltage	220 Vac ± 25%
	Frequency	50 Hz ± 10%
OUTPUT	Voltage battery mode	220 Vac
	Voltage AC mode	220 Vac ± 10%
BATTERY	Type / Capacity	Sealed lead acid (maintenance free) / 12 V 7 Ah
	Backup time	10 - 30 min. (depending on connected load)
	Continuous recharging time	8 hours (90% after full discharged)
PROTECTION	Over voltage	Mains to UPS backup 220 Vac + 25%
	Under voltage	Mains to UPS backup 220 Vac - 25%
	Transfer time	2 - 7 msec typical, 10 msec maximum
	Overload (AC / DC mode)	yes
	Output short circuit	yes
	Surge energy dissipation	312 Joules / 2 msec
	Power dissipation	1,000,000 W within 100 microsec.
	Acoustic noise	less than 45 dBA at 1 metre
	OUTPUT OUTLET	Number of backup outlet
Number of surge protection outlet (not backup)		1
FEATURES	AC / DC start	yes
	Surge protection for telephone line	yes
	Surge protection for laser printer	yes
	Auto restart function	yes
	Off mode charging	yes
INDICATOR	LCD	Input (voltage, frequency), Output voltage Battery capacity, Load capacity, Fault, Alarm
AUDIBLE ALARM (BUZZER)	Battery mode	Audible beep every 6 seconds
	Overload	Audible beep 2 seconds and stop every 0.5 seconds
	Low battery	Audible beep every 2 seconds
	Battery runs out of energy	Continuous audible beep
ENVIRONMENT	Temperature	0 - 40°C
	Humidity	0 - 90% (non-condensing)
CONFORMANCE	Design regulation	EMC category C2
DIMENSIONS	W x H x D (mm.)	95 x 160 x 320
WEIGHT	Approximate in kg.	5.1 kg

PC\* = Computer with 17" LED monitor, Printer\*\* = Bubble jet or Dot Matrix printer only.  
Continuous product development is our commitment. In that manner, the above specifications may be change without prior notice.



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