

**OPTIUPS**

Protect and Serve



# GNL1025P / 1500P



## Full-time Battery Backup and Surge Protected Outlets

Compact size with multiple outlets for full-time battery backup & surge protection



## AVR Technology

Boost and buck AVR for voltage stabilization



## RJ11 / RJ45 Surge Protection

1-in and 1-out surge protection port



## USB Connectivity

Allows computer to communicate with UPS through USB port



## Professional Management Software

Keeps track of and makes decisions upon various power line events.



## DC power on

Allows UPS to start in the absence of AC grid power

# GNL1025P / 1500P



ON-LINE mode indicator (Green)



AVR Boost / Buck mode indicator (Yellow)



OVERLOAD indicator (Red)



- Battery Mode: Sounds every 10 seconds
- Low Battery: Sounds every second
- Overload: Sounds every 0.5 second



## Package Contents

- UPS x1
- User Manual x1
- Power Cord x1
- Telephone Line x1
- USB Cable x1
- Software CD x1

## Front Panel



- 1 ON/OFF/TEST/SILENCE button
- 2 Battery level bar
- 3 ON-LINE mode indicator (Green)
- 4 AVR Boost/Buck mode indicator (Yellow)
- 5 OVERLOAD indicator (Red)
- 6 Output Voltage

## Rear Panel



110 / 120V  
(NEMA outlets)



220 / 230 / 240V  
(IEC outlets)

- A USB port
- B TEL/MODEM/LAN protection
- C AC input power receptacle
- D Input circuit breaker
- E UPS surge protected outlets
- F Surge protected outlets

Model Name		GNL1025P	GNL1500P
Topology		Line-Interactive / Low Frequency	
On-battery Output Waveform		Simulated Sine Wave	
Maximum Capacity (VA/W)		1025VA / 615W	1500VA / 900W
<b>INPUT</b>			
Nominal Input Voltage	NEMA Model	110/120Vac <sup>(1)</sup>	
	IEC Model	220/230/240Vac <sup>(1)</sup>	
Nominal Input Frequency		50Hz / 60Hz Auto Sensing	
Input Voltage Range		Rated Voltage $\pm$ 25%	
<b>OUTPUT</b>			
Nominal Output Voltage	NEMA Model	110/120Vac <sup>(1)</sup>	
	IEC Model	220/230/240Vac <sup>(1)</sup>	
Output Voltage Regulation		Rated Voltage $\pm$ 5% (on battery)	
Transfer Time(Typical)		4 ms	
Start on Battery		Yes	
Auto Restart		Yes	
Automatic Voltage Regulation (AVR)		AVR increases the output voltage by 15% while the input voltage is below nominal by 9% to 25% AVR decreases the output voltage by 13% while the input voltage is above nominal by 9% to 25%	
Number of Outlets	NEMA Model	4 Battery backup + 2 Bypass surge protected outlets (F) (15A)	
	IEC Model	4 Battery backup + 2 Bypass surge protected outlets (E) (10A)	
<b>PROTECTION</b>			
Data Line Surge Protection		RJ11/RJ45	
Surge Energy Rating	NEMA Model	110/120Vac 1050 Joules	
	IEC Model	220/230/240Vac 280 Joules	
Overload Protection		UPS shuts down at overload 10% after 60 secs or at 30% after 3 secs	
Over Current Protection		Circuit breakers	
<b>BATTERY</b>			
Configuration		24V (12V 7.2AH $\times$ 2)	24V (12V 7.2AH $\times$ 2)
Typical Backup Time**		50 min	60 min
Recharge Time to 90% (Typical)		< 4 Hours	
<b>ADVANCED WARNINGS / DIAGNOSTICS</b>			
Front Panel		Power Status / AC mode / Battery Mode / Battery Fault / Overload	
Audible Alarms		Battery Mode / Battery Low / Overload	
<b>COMMUNICATIONS INTERFACE</b>			
Communication Port		USB	
<b>ENVIRONMENTAL</b>			
Operation Temperature		0~40°C / 32~104°F	
Storage Temperature		-20~60°C / -4~140°F	
Relative Humidity		0~95% Non condensing	
Audible Noise		< 40 dBA	
<b>PHYSICAL</b>			
Dimensions	Physical/Packing (L $\times$ W $\times$ H)	(in)	15 $\times$ 5.1 $\times$ 7.9 / 19.2 $\times$ 10 $\times$ 12.6
		(mm)	382 $\times$ 130 $\times$ 200 / 488 $\times$ 253 $\times$ 321
Weight	Net/Gross	(lbs)	28 / 33
		(kg)	12.7 / 15
<b>CONFORMANCE</b>			
Approvals	NEMA Model	UL / cUL	
	IEC Model	CE	

Specifications are subject to change without notice.

(1) Models of these nominal voltages are available, however each model is preset to a certain nominal voltage, which is not user-changeable. E.g. a model with the factory setting for 230Vac can only work in the countries with 230Vac power and won't work in the countries with 110Vac power, and 110Vac model can only work in the countries with 110Vac power, not in the countries with 230Vac power.

\*\* Typical backup time represents backup time for load equivalent to one PC and one 15" LCD monitor. Values here are for reference only.

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