

ablerex

GR1000



Every minute is vital when you have a small business. At any point, you have decisions to make, issues to handle, opportunities to check out.

For you, the only moment that matters is the one you are now living. The last thing you need is a disruption when something happens to the power.

That's why you turn on ABLEREX uninterruptible power supply to ensure it stays "all-systems-go". So your time and mind can be better focused on the important of running and growing your business.

■ Keeps you going with backup power

With up to 30 minutes continuous power, you can go on working during a power shortage. You'll also have enough time to save your work. So you can just pick up where you left off once power resumes.

■ Protect equipment from fluctuating power

With numerous fluxes in the power supply, your equipment and data are vulnerable to damage or loss. The automatic voltage regulator prevents this by feeding your equipment a stable, constant flow of power - so you can go on working smoothly.

■ Provide surge protection for modem/network line

Being connected is vital to keeping deadlines and your company's reputation. This feature gives you reassurance your network will be safe from disruptive power surges.

■ Connects up to 1 workstation or 4 devices

Technical Specifications

GR1000

Input	Voltage	160Vac ~ 290Vac
	Frequency	45Hz ~ 65Hz (Auto-sensing)
Output (AC mode)	AVR	Increase output 15% (input -9% ~ -25%) Decrease output 15% (input +9% ~ +25%)
Output (Inv. mode)	Voltage	220Vac +/- 10%
	Frequency	50/60Hz +/- 1Hz
	Waveform	Simulated Sine Wave
	Capacity	1000VA/630W
	Transfer Time	2ms ~ 6ms Typical
Backup Time (Per UPS)	15 ~ 30mins for typical IT load	
Battery	Voltage	12Vdc
	Type	Sealed, Maintenance-free Valve-Regulated Lead-Acid (VRLA)
	Recharge Time	4 ~ 6 hours (to 90%)
Function	DC Start	Yes
	Plug-in Charging	Yes
	Site Wiring Fault Indicator	Yes
	Advanced Discharge	Yes
	Battery Management	
Display	LCD	AC mode, AVR mode, Battery mode, Battery level, Load level, Input Voltage, Output Voltage, Fault and Battery weak

GR1000

Protection	Overload AC mode	>100% Input fuse blown and Buzzer continuously sounds
	Overload Inverter mode	>100% Buzzer continuously sounds until battery cut-off
	Short Circuit	Shuts down immediately
	Modem Network	RJ11 RJ45
Alarm	Battery mode	Buzzer sounds every 1sec
	Battery Low	Buzzer sounds every 0.1sec
Physical	Dimension (W×H×D)	100 × 140 × 292mm
	Net Weight	5kg
	Output Connection***	3x Thai Sockets (Battery Backup) + 1x Thai Socket (Surge Protection)
Environment	Operation Temperature	0 ~ 40°C
	Operation Humidity	95% RH Maximum, Non-condensing
	Altitude	1000m without Derating
	Noise Level	≤ 40dB
Computer Interface	Interface Type (Standard)	USB Communication
	Interface Type (Optional)	RS232 Communication
	Compatible Platforms	Microsoft Windows Series, Linux, Mac, etc.
Standards and Certifications**	Safety Standard	EN62040-1
	EMC/Surge Standard	EN62040-2
	Mark	CE, RoHS, TISI
	Quality Management	ISO9001:2015, ISO14001:2015

*Specifications subject to change without prior notice.

**Depending on the model and voltage, please consult ABLEREX for more information.

***Socket types varies between countries, please consult ABLEREX for more information.

Designed & Engineered by:

