# ablerex
# GR1200
# GR1800
# GR2000

Every minute is vital when you have a small business. At any point, you've 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 to Ablerex uninterruptible power supply to ensure it stays "all-systems-go". So your time and mind can be better focused on the important task of running and growing your business.

■ **Keeps you going with backup power**
With up to 60 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.

■ **Protects 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.

■ **Provides 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 3 workstations OR 6 devices**

## Technical Specifications

### GR1200  GR1800  GR2000

| 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 | 1200VA/600W | 1800VA/900W | 2000VA/1200W |
| Transfer Time | 2ms ~ 6ms Typical | | |
| Backup Time | 5 ~ 30mins for typical IT load | | |

| Battery | | | |
|---|---|---|---|
| Voltage | 24Vdc | | |
| Type | Sealed Maintenance-free Lead Acid VRLA Type | | |
| Capacity | 12V/7AH | 12V/7AH | 12V/9AH |
| Quantity | 2pcs | | |
| Recharge Time | 4 ~ 6 hours (to 90%) | | |

| Function | | |
|---|---|---|
| DC Start | Yes | |
| Plug-in Charging | Yes | |
| Site Wiring Fault Indicator | Yes | |
| Advanced Discharge Battery Management | Yes | |

| Display | | |
|---|---|---|
| LED (Standard) | 6 LEDs for Line, Backup, Fault, Load and Battery Capacity | |
| LCD (Optional) | Line mode, AVR mode, Battery mode, Battery level, load level, Input voltage, Output voltage, Fault and Battery weak. | |

### GR1200  GR1800  GR2000

| 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 | RJ11 | |
| Network | RJ45 | |

| Alarm | | |
|---|---|---|
| Battery mode | Buzzer sounds every 1sec | |
| Battery Low | Buzzer sounds every 0.1sec | |

| Physical | | | |
|---|---|---|---|
| Dimension (W×H×D) | 148 × 198 × 315mm | | |
| Net Weight | 8kg | 11kg | 12kg |
| Output Connections*** | 6 × Thailand Outlets | | |

| Environment | | |
|---|---|---|
| Operation Temperature | 0 ~ 40ºC | |
| 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 Communcation | |
| Compatible Platforms | Microsoft Windows Series, Linux, Mac, etc. | |

| Standards and Certifications** | | |
|---|---|---|
| Safety Standard | EN62040-2 | |
| EMC/Surge Standard | EN61000-3-2, EN61000-3-3 | |
| Mark | CE, RoHS, TISI | |
| Quality Manangement | ISO9001:2008, ISO14001:2004 | |

*Specifications subject to change without prior notice.

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

***Connector types varies between countries, please consult Ablerex for more information.

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*Designed & Engineered by*

## Ablerex
every moment counts