



**DG SERIES  
1000-3000VA  
UNINTERRUPTIBLE  
POWER  
SUPPLY**

# BB<sup>®</sup> UPS SERIES

## UPS Series 1000 - 3000VA

UPS Series Offline UPS adopts advanced technology with high efficiency, compact size, sleek design, and stable performance. Controlled by a CPU, it provides continuous voltage regulation and delivers a stable AC 220V output, ideal for computers and precision electronic equipment.

In case of power failure, it switches to battery mode within 8–10ms, offering 5–20 minutes of backup. It also suppresses surges, spikes, and high-frequency noise to protect data and equipment. When power is restored, it automatically switches back and recharges the battery.



Intelligent  
CPU control



Power recovery  
auto-restart



Off-mode  
charging



Cold start  
function

## ENSURE UNINTERRUPTED POWER FOR CRITICAL MARITIME SYSTEMS

In shipboard environments, reliable power supply is essential. Power outages can disrupt critical systems like navigation and communication.

UPS Series 1000 - 3000VA UPS system is designed to address this need. It offers:

- ◆ **Intelligent CPU control for reliable performance.**
- ◆ **Auto restart on power recovery.**
- ◆ **Cold start for emergency use without AC.**
- ◆ **Off-mode charging for battery recharge when powered off.**

This UPS system ensures stable power for shipboard equipment, enhancing safety and reliability.



# 1000VA-3000VA

## 220V

| UPS model                             | MT1000-PRO                                                                                                | MT1500-PRO  | MT2000-PRO   | MT3000-PRO   |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------|--------------|--------------|
| INPUT                                 |                                                                                                           |             |              |              |
| Capacity                              | 1000VA/600W                                                                                               | 1500VA/900W | 2000VA/1200W | 3000VA/1800W |
| Voltage                               | 220VAC                                                                                                    |             |              |              |
| Voltage Range                         | 145-275VAC                                                                                                |             |              |              |
| Frequency Range                       | 60/50 Hz(Auto sensing)                                                                                    |             |              |              |
| OUTput                                |                                                                                                           |             |              |              |
| AC Voltage Regulation (Batt. mode)    | ± 10%                                                                                                     |             |              |              |
| Frequency Range (Batt. Mode)          | 50/60 Hz ± 1 Hz                                                                                           |             |              |              |
| Transfer Time                         | 4-6ms                                                                                                     |             |              |              |
| Waveform (Batt. Mode)                 | Simulated sine wave                                                                                       |             |              |              |
| Voltage                               | 220VAC                                                                                                    |             |              |              |
| Batteries                             |                                                                                                           |             |              |              |
| Battery model & Quantity              | 12V/7AH×2                                                                                                 | 12V/9AH×2   | 12V/9AH×2    | 2V/9AH×4     |
| Charge time                           | 8 hours recover to 90% capacity                                                                           |             |              |              |
| PRotection                            |                                                                                                           |             |              |              |
| Full Protection                       | Discharge, Short circuit and overload protection                                                          |             |              |              |
| Indicators                            |                                                                                                           |             |              |              |
| Led Display (LED version)             | AC mode, Battery mode, Load level, Battery level, Input voltage, Output voltage, Overload and low battery |             |              |              |
| ALARM                                 |                                                                                                           |             |              |              |
| BATTERY mode                          | Sounding every 4 seconds                                                                                  |             |              |              |
| Low Battery                           | Sounding every second                                                                                     |             |              |              |
| Overload                              | Sounding every second                                                                                     |             |              |              |
| Fault                                 | Continuously sounding                                                                                     |             |              |              |
| NTERFACE                              |                                                                                                           |             |              |              |
| USB/R232 Port (optional)<br>USB/RS232 | Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC                                               |             |              |              |
| Optional SNMP                         | Power management from SNMP management and web browser                                                     |             |              |              |
| ENVIRONMENT                           |                                                                                                           |             |              |              |
| Humidity                              | 0-90% RH @ 0-40°C (Non-condensing)                                                                        |             |              |              |
| Noise Level                           | Less than 40dB                                                                                            |             |              |              |
| Dimension(mm)                         | 365x140x165                                                                                               |             |              | 395x145x210  |
| N.W.(kg)                              | 10                                                                                                        | 11.9        | 12.6         | 21           |

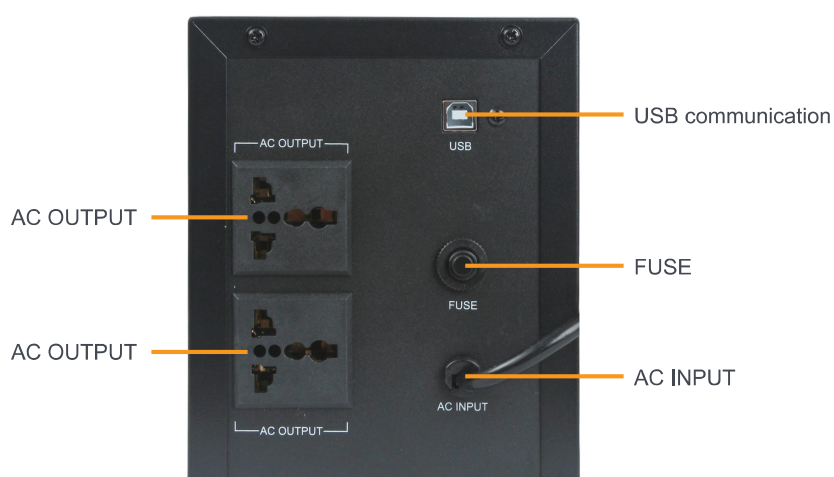
1.Specifications are subject to change without prior notice.

2.Data above are typical values for reference only, not as a basis for engineering design.

MT2000-PRO UPS front panel



Model MT2000-PRO rear panel



| UPS model                             | MT2000-PRO                                                                                                |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>INPUT</b>                          |                                                                                                           |
| Capacity                              | 2000VA/1200W                                                                                              |
| Voltage                               | 220 VAC                                                                                                   |
| Voltage Range                         | 145-275VAC                                                                                                |
| Frequency Range                       | 60/50 Hz(Auto sensing)                                                                                    |
| <b>OUTput</b>                         |                                                                                                           |
| AC Voltage Regulation (Batt. mode)    | ± 10%                                                                                                     |
| Frequency Range (Batt. Mode)          | 50/60 Hz ± 1 Hz                                                                                           |
| Transfer Time                         | 4-6ms                                                                                                     |
| Waveform (Batt. Mode)                 | Simulated sine wave                                                                                       |
| Voltage                               | 220VAC                                                                                                    |
| <b>Batteries</b>                      |                                                                                                           |
| Battery model & Quantity              | 12V/9AH×2                                                                                                 |
| Charge time                           | 8 hours recover to 90% capacity                                                                           |
| <b>PRotection</b>                     |                                                                                                           |
| Full Protection                       | Discharge, Short circuit and overload protection                                                          |
| <b>Indicators</b>                     |                                                                                                           |
| Led Display (LED version)             | AC mode, Battery mode, Load level, Battery level, Input voltage, Output voltage, Overload and low battery |
| <b>ALARM</b>                          |                                                                                                           |
| BATTERY mode                          | Sounding every 4 seconds                                                                                  |
| Low Battery                           | Sounding every second                                                                                     |
| Overload                              | Sounding every second                                                                                     |
| Fault                                 | Continuously sounding                                                                                     |
| <b>NTERFACE</b>                       |                                                                                                           |
| USB/R232 Port (optional)<br>USB/RS232 | Support windows XP/Vista, Windows 7/8, Linux, Unix, and MAC                                               |
| Optional SNMP                         | Power management from SNMP management and web browser                                                     |
| <b>ENVIRONMENT</b>                    |                                                                                                           |
| Humidity                              | 0-90% RH @ 0-40°C (Non-condensing)                                                                        |
| Noise Level                           | Less than 40dB                                                                                            |
| Dimension(mm)                         | 365x140x165                                                                                               |
| N.W.(kg)                              | 12.6                                                                                                      |

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