DG SERIES 1000-3000VA UNINTERRUPTIBLE POWER SUPPLY

MARINE BATTERY

Intelligent and Reliable,
Ensuring Stable Power Supply

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.

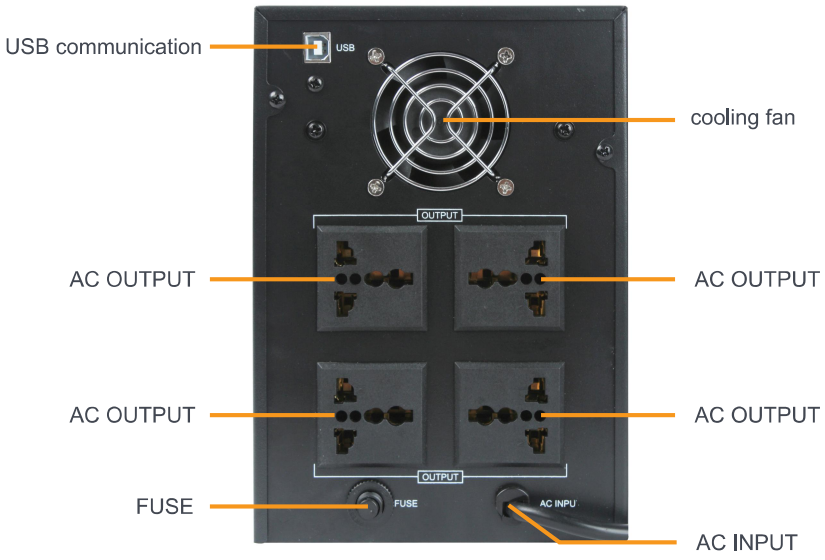
1000VA–3000VA 220V

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) 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℃ (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.

MT3000-PRO UPS front panel

Model MT3000-PRO rear panel



UPS model	MT3000-PRO
INPUT	
Capacity	3000VA/1800W
Voltage	220VAC
Voltage Range	145VAC
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	
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