



## Deltronics Mercury ProSine DMS Series 1000-2000 VA

Mercury-Pro Sine Series are Line Interactive UPS, with pure sinewave output waveform in Batt. Mode, and they offers perfect power protection for sensitive equipment.

All models provide comprehensive LCD display for users to monitor the power status. With powerful protection, it prevents your data loss from power failure, surge, and sags.

### Features

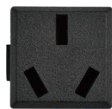
- Line Interactive UPS with true sinewave output
- Excellent microprocessor control guarantees high reliability (Internal self-diagnostic technology)
- Boost and buck AVR for voltage stabilization (One boost and one buck control)
- Auto restart while AC is recovering
- Cold start function
- Off-mode charging
- Fast intelligent battery recharge function
- Optional Generator compatible
- Optional USB/RS232 communication port and RJ45 protection

#### Display



Color LCD Display

#### Socket



#### Rear Panel



- ① AC Input ② Output Socket  
③ USB & RS232 Communication ④ RJ45

*LCD display for full UPS status control*

**Technical Specifications**

MODEL	DMS-1000	DMS-1500	DMS-2000
Capacity (VA/W)	1000/700	1500/1050	2000/1400
<b>INPUT</b>			
Nominal Voltage (Vac)	220/230/240		
Operating Voltage Range (Vac)	162~290		
Operating Frequency Range (Hz)	50/60 (Auto sensing)		
<b>OUTPUT</b>			
AC Voltage Regulation (Batt. Mode)	±10%		
Frequency Range (Batt. Mode) (Hz)	50/60 ±1		
Transfer Time (ms)	Typical 2-6, 10 Max.		
Waveform (Batt. Mode)	Pure Sinewave		
<b>BATTERY</b>			
Battery Voltage (Vdc)	24		
Battery Capacity (Ah)& Number (pcs)	7×2	9×2	9×2
Typical Recharge Time (hours)	6~8 recover to 90% capacity		
<b>MANAGEMENT</b>			
LED Display			
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Battery Low		
Alarm	Battery mode, Battery low, overload, Battery replacement, Fault		
Communication Port	USB or RS232(Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC)		
USB Charger Port			
<b>PROTECTION</b>			
Full Protection	Short circuit, Overload, Overcharge and overdischarge protection		
<b>ENVIRONMENTAL</b>			
Humidity	0~90%RH @ 0~40°C (Non condensing)		
Noise Level (dB)	<45	<55	
<b>PHYSICAL</b>			
Dimension WxDxH (mm)	353×149×162	380×158×198	
Weight (kg)	8.6	11.5	12.3
<b>STANDARDS</b>			
Safety	IEC/EN 62040-1; IEC/EN 60950-1		
EMC	IEC/EN 62040-2; IEC 61000-4-2; IEC 61000-4-3; IEC 61000-4-4; IEC 61000-4-5; IEC 61000-4-6; IEC 61000-4-8		
Performance	IEC/EN 62040-3		

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