Deltronics Mercury DMP Series 400-3000 VA

This UPS is specially designed for Personal Computer with multi-functions. Its light weight, compact design perfect fits to the limited working environment.
The line of UPS is equipped with one boost and one buck AVR to stablilize input voltage range. It is also built-in with DC start function.
This function enables the UPS to be started up without AC power supply. Although it's a small UPS, the main featuers of UPS are listed below.

Features

- Line Interactive UPS with simulated 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
- Offering LCD panel for selections
- Optional Generator compatible
- Optional USB/RS232 communication port and RJ11/RJ45 protection

Display

Color LCD Display

Socket

Rear Panel

1 AC Input; 2 Output Socket;
3 USB & RJ11 Communication
4 USB & RS232 Communication;
5 RJ45

Optional USB / RS232 ports compatible with Windows, Linux, Unix, and Mac

Technical Specifications

MODEL	DMP 400	DMP 600	DMP 800	DMP 1000	DMP 1200	DMP 1500	DMP 2000	DMP 2400	DMP 3000
Capacity (VA/W)	400/240	600/360	800/480	1000/600	1200/720	1500/900	2000/1200	2400/1440	3000/1800
INPUT									
Nominal Voltage (Vac)	110/120 or 220/230/240							220/230/240	
Operating Voltage Range (Vac)	81~145/162~290							162~290	
Operating Frequency Range (Hz)	60/50 (Auto sensing)								
OUTPUT									
AC Voltage Regulation (Batt. Mode)	±10%								
Frequency Range (Batt. Mode) (Hz)	60/50 ±1								
Transfer Time (ms)	Typical 2-6, 10 Max.								
Waveform (Batt. Mode)	Simulated Sinewave								
BATTERY									
Battery Voltage (Vdc)	12			24				48	
Battery Capacity (Ah)& Number (pcs)	4.5×1	7×1	9×1	7×2	7×2	9×2	9×2	7x4	9x4
Typical Recharge Time (hours)	4~6 recover to 90% capacity			6~8 recover to 90% capacity					
MANAGEMENT									
LED Display	AC Mode, Battery Mode, Overload, Fault								
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)								
PROTECTION									
Full Protection	Short circuit, Overload , Overcharge and overdischarge protection								
ENVIRONMENTAL									
Humidity	0~90%RH @ 0~40℃ (Non condensing)								
Noise Level (dB)	<45					<55			
PHYSICAL									
Dimension WxDxH (mm)	298×101×142			353×149×162		380×158×198		436×145×212	
Weight (kg)	3.8	4.3	4.9	7.8	8.4	10.1	10.5	20	23
STANDARDS									
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