



General Introduction

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 two boost and one buck AVR to stabilize wide 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 features 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 (Wide input range with two boost and one buck control)
- ◆ Auto restart while AC is recovering
- ◆ Cold start function
- ◆ Off-mode charging
- ◆ Fast intelligent battery recharge function
- ◆ Generator compatible
- ◆ Offering LED and LCD panels for selections
- ◆ Optional USB/RS232 communication port and RJ11/RJ45 protection



Two Kinds of Color LCD Display

LED Display



Optional Socket



Rear Panel

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

Technical Specifications

MODEL	DG 600	DG 800	DG 1000	DG 1200	DG 1500	DG 2000	DG 2400	DG 3000
Capacity (VAW)	600/360	800/480	1000/600	1200/720	1500/900	2000/1200	2400/1440	3000/1800
INPUT								
Nominal Voltage (Vac)	230							
Operating Voltage Range (Vac)	140~300							
Operating Frequency Range (Hz)	50/60 (Auto sensing)							
OUTPUT								
AC Voltage Regulation (Batt. Mode)	±10%							
Frequency Range (Batt. Mode) (Hz)	50/60 ±1							
Transfer Time (ms)	Typical 4-8, 13 Max.							
Waveform (Batt. Mode)	Simulated Sinewave							
BATTERY								
Battery Voltage (Vdc)	12		24				48	
Battery Capacity (Ah)& Number (pcs)	7×1	9×1	7×2	7×2	9×2	9×2	7×4	9×4
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						N/A	
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°C (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)	4.3	4.9	7.8	8.4	10.1	10.5	20	23

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