

# ERY

UNINTERRUPTIBLE POWER SUPPLY



SERIE **D**

Model 1000D (1000VA)

\*รับประกันสินค้านาน 2 ปี

## PowBack LCD SCREEN

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 stabilize 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

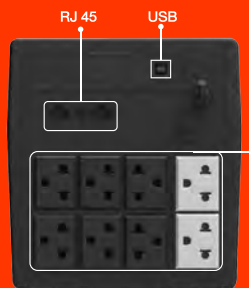
- Line Interactive UPS with simulated sinewave output
- Excellent microprocessor control guarantees high reliability (Internal self-diagnostic technology)
- Boost and buck AVR for voltage stabilization (one boost and one buck control)
- Auto restart while AC is recovering
- Cold start function
- Off-mode charging
- Fast intelligent battery recharge function
- Advanced discharge battery management function
- LED Panel display
- 6 x backup, 2 x bypass
- Optional Generator compatible
- USB communication port and RJ45 protection
- Optional send alert UPS status to line application via Up-Connex-box

### LCD display



Rear Panel

1000D



8 OUTLETS



มีช่องเสียบไฟแบบ Universal 4 ช่อง  
เสียบได้ทั้งปลั๊กกลมและแบน

● BACKUP OUTLET 6 ช่อง

● BYPASS OUTLET 2 ช่อง

# Technical Specifications

Model	1000D
Capacity(VA/Watts)	1000 / 600 watts
<b>INPUT</b>	
Nominal Input Voltage	220Vac
Operating Voltage Range	-/+ 20%
Operating Frequency Range	60/50Hz (auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	±10%
Frequency Range (Batt. Mode)	50/60Hz ± 0.1%
Transfer Time	Typical 2-6 ms, 10 ms Max.
Waveform (Batt. Mode)	Simulated Sinewave
Back up time for UPS	15-30 Min for typical IT load
<b>BATTERY</b>	
Battery Voltage	24Vdc
Battery Type & N umber	12V/7Ah x2
Typical Recharge Time	6~8 hours recover to 90%
<b>INDICATORS</b>	
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Battery Low
<b>PROTECTION</b>	
Full Protection	Short circuit, Overload , Overcharge and overdischarge protection
Surge protection	Yes
Surge energy rating	125 Joules
<b>ALARM</b>	
Battery mode	Sounding every 10 seconds
Low Battery	Sounding every second
Overload	Sounding every 0.5 second
Battery Replacement Alarm	Sounding every 2 seconds
Fault	Continuously sounding
<b>MANAGEMENT</b>	
Communication port	USB (Supports Windows® 2000/2003/XP/Vista/2008 , Windows® 7, Linux, Unix, MAC and UP-Connex-box)
<b>OPERATING ENVIRONMENT</b>	
Humidity	0-90 % RH @ 0- 40 ° C (non- condensing)
Noise Level	Less than 45 dB
<b>PHYSICAL</b>	
Approx. Dimension D * W * H (mm)	353 * 149 * 162
Approx. Net Weight (kgs)	Approx. 7.8
Safety	IEC/ EN62040-1; IEC/ EN60950-1
EMC	IEC/ EN62040-2; IEC61000-4-2; IEC61000-4-3; IEC61000-4-4; IEC61000-4-5; IEC61000-4-6; IEC61000-4-8
Performance	IEC/ EN62040-3
Warranty	2 years

Specifications are subject to change without prior notice.