Black Box Network Services • 464 Basingstoke Road • Reading, Berkshire, RG2 0BG • Tech Support: 0118 965 6000 • **www.blackbox.co.uk** • e-mail: **techhelp@blackbox.co.uk**

BLACKBOX OFF LINE UPS

Key Features

▶ *Standalone/Wallmount*

▶ *Surge Protection/Backed up outlets*

▶ *RS-232 Comms Port*

▶ *LAN Protection*

▶ *Self Test*

▶ *DC Start Capability*

▶ *Warranty - 2 Years*

Ordering Information

ITEM	CODE
Off-Line UPS	
Capacty 360VA SPU360A	
Capacity 550VA SPU550A	

Protect your Workstation

The Black Box Off Line UPS provides a simple solution to protecting your workstation and peripherals from power problems. Not only does the unit include a battery to enable operation to continue in event of mains power failure it also includes surge protection for the network and local peripherals as well.

Nothing is more frustrating than losing a large amount of work because the electricity supply suddenly fails. The Black Box Off Line UPS is an ideal compliment to the Black Box ServSwitch UPS family. Whilst they back up the servers and critical network equipment these off line units ensure your workstation is still running when the power goes. Without having to leave your desk, it enables you to manage the change over to alternative supplies or shut down the system in an orderly fashion, all without loss of critical data.

The SPU360A and SPU550A both offer a method of battery replacement that is very user friendly. By simply removing two screws, the rear panel can be detached and the battery can be easily replaced in a few minutes.

Specifications

Input:

Input Voltage - 230 V AC nominal; Input Voltage Range - $\pm$15% (195-264 VAC without using battery); Frequency - 50/60 Hz $\pm$5%

Output:

Output Voltage - 230 V AC nominal; Output Voltage Range - +6% (on inverter); Frequency - 50/60Hz self selecting; Overload - >110% UPS shutdown after 20 seconds (inverter mode).

General UPS specifications:

Transfer Time - 4 ms typical; Waveform - Quasi sinewave; LED Display - Utility normal, battery fault, back up mode (on battery); Audible Alarm - Line failure, battery low, overload; Self

Diagnostics - On start-up; Communications - DB9 with RS232/V24 serial I/F; DC Start - Yes.

Battery:

Type - 12 VDC VRLA, 5 year design life; Recharge Time - 8 hours to 90%; Standby Time 3-4 minutes full load.

Connectors:

SPU550A: Outlets - (4) surge protected IEC320F + (4) surge protected IEC320F; SPU360A: Outlets - (3) backed up protected IEC320F + (3) backed up IEC320F; All: (1) IEC320M Power Input, (1) DB9F RS-232 port, (2) RJ45 ports for LAN protection.

Environmental/Physical:

Operating temperature - 0°C to +40°C; Humidity - 95% non-condensing; Dimensions - 178.0 x 88.5 x 328.0 mm (h x d x w); Weight - 3.7 kg

Safety and EMC:

Noise Suppression - EMI/RFI; Surge Suppression - IEEE 587:; Safety Standard - EN5009-1, CE, FCC B, EN500091-2 Level B.

IC445A: 100–250 VAC, 47–63 Hz, external autosensing; All others: From the interface

Battery Pack

Front Panel

1. Main Switch

a.) To control turn the UPS on & off when utility is normal.

b.) To enable 'DC-start' function when utility is not available. (To enable DC start properly, it is recommended to connect <80% output load).

2. Check Battery

Red LED lights up when battery is low or faulty.

3. Line

Green LED remains solid when utility normal. (When utility fails, alarm beeps continously).

4. Green LED

Surge Protected

SELECTION GUIDE

OUTPUT		Output current	Standby Time @Full Load	Model Number
VA	WATTS			
360 VA	216 W	1.6 A	3-4 minutes	SPU360A
550 VA	330 W	2.4 A	3-4 minutes	SPU550A

RUN TIME IN MINUTES

Power	80VA	160VA	250VA	330VA	360VA	550VA
SPU360A	48	14	8	5	3	-
SPU550A	67	27	17	12	9	4