



UPS Emergency Battery Backup



PROTECT YOUR COMPUTER AND DATA



belkin.com

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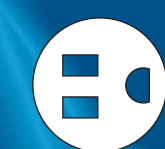
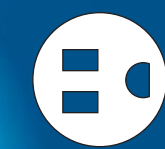
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BATTERY BACKUP



Belkin UPS Great Innovations from the Industry Leader

Emergency Battery Backup

Each year, several natural and man-made occurrences, such as lightning, surges, spikes, sags, and brownouts, jeopardize the power supplied to your home or office workstations. A study by IBM Corporation estimates that your home or office sustains an average of over 260 power disturbances per year, with some geographical areas seeing that number rise to

more than 400. The same study concludes that your computer undergoes over 125 potentially harmful electrical events each month.

Belkin offers a complete line of Uninterruptible Power Supply (UPS), or battery backup, products that protect your data and equipment against these damaging power disturbances.

Warranties and Replacement

Belkin Data Recovery Warranty

Your computer's hard drive is protected against malfunction caused by power failure. Should such malfunction occur due to failure of the Belkin UPS to protect your PC while it is properly connected to the UPS, Belkin will provide professional data recovery services at no cost to you. The service to salvage remaining data and recover lost data will be performed by ActionFront Data Recovery Labs—ActionFront.com.



ActionFront, a world leader in data recovery, offers a solution based on a set of integrated, flexible services and tools ready to respond to nearly every data loss situation.

Connected Equipment Warranty (CEW)

The Belkin UPS is also backed with a Connected Equipment Warranty. This warranty specifies that Belkin will repair or replace, up to the value specified on the box, any properly connected equipment if it is damaged by a surge, including surges due to lightning strikes.

Belkin 3-Year Product Warranty

This product is backed by a three-year product warranty against manufacturing defects.

EcoBattery Replacement Program

In the event the UPS needs a battery replacement, Belkin offers its EcoBattery Replacement Program. This program offers a battery replacement and a two-year extended product warranty. It also ensures that the battery in the UPS is discarded properly in an effort to keep our environment clean.

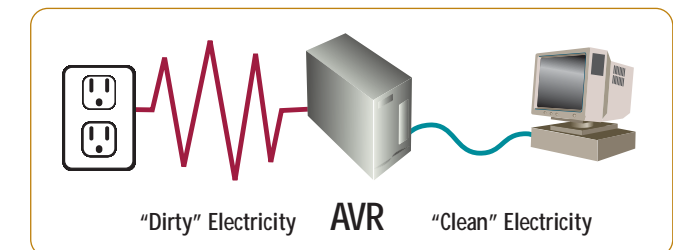


Features

Automatic Voltage Regulation (AVR)

AVR technology increases "low" or decreases "high" voltage to a safe 110 to 120 volts. AVR protects your computer from damage and lost data. It monitors incoming electricity and smoothes out low- and high-voltage conditions, ensuring delivery of only safe, "clean" electricity (110-120 volts). A wide range of errant line voltage levels—such as brownouts, surges, or spikes—are converted by AVR into safe electricity for your computer. In a power outage or brownout, our AVR unit automatically switches your computer to battery backup power, and gives you time to save open

files and safely power off. In addition, the unit's high-performance surge protection continually guards against spikes, noise, surges, lightning, and other common electrical irregularities that can cause damage to your data or equipment.



Bulldog Shutdown Software

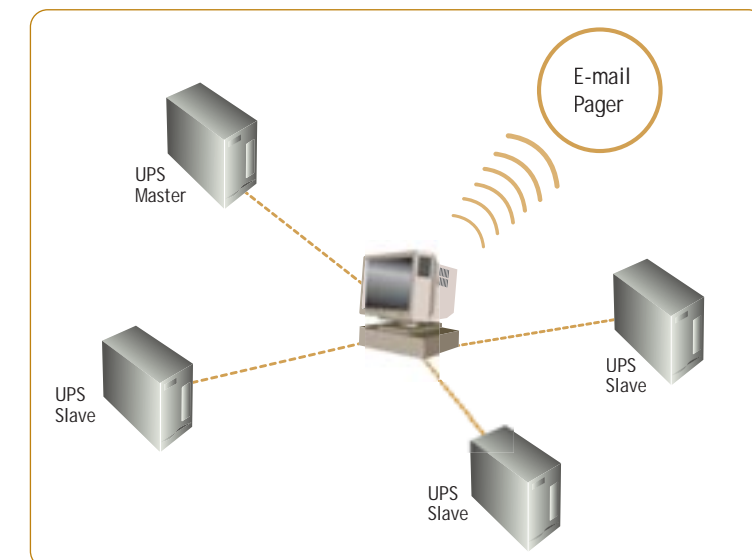
Belkin UPS products can save your valuable equipment as well as ensure your peace of mind when a power crisis occurs. From our Home Office and Universal series to our Network series, you are protected with either our Bulldog Software or our



advanced Bulldog Plus Shutdown Software. Our Bulldog Shutdown Software is compatible with all Windows® operating system versions, including Windows XP. For use with other operating systems, please consult our UPS Software Compatibility chart at <http://www.belkin.com/support/compatlists/UPS.html>.

UPS Network Management

Bulldog Plus Shutdown Software enables you to monitor and manage all your servers or workstations through your LAN. When a power problem occurs, the software sends emergency alerts via e-mail, pager, or telecommunication device.



Home Office Series

Models: F6H350-SER, F6H500-SER, F6H650-SER
F6H350-USB, F6H500-USB, F6H650-USB



Key Features and Benefits

- 8 Outlets**
Grounds AC power through 8 surge-protected outlets, 4 of which provide battery backup.
- Serial Communication Port**
Offers faster communication through serial (RS232) port, along with expandability and easy installation.
- USB Communication Port**
Offers faster communication through a USB port, along with expandability and easy installation.
- Bulldog Shutdown Software**
Manages computer shutdown in the event of a power failure, and provides diagnostic support.
- Phone, Fax, Modem Port**
Safeguards telecommunications with RJ11 port for your telephone, fax, or modem.

- USB models are designed for Microsoft® Windows® XP
- Belkin Data Recovery Warranty
- Connected Equipment Warranty (CEW)
- Belkin 3-Year Product Warranty

Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks, of Microsoft Corporation in the United States and/or other countries.

| Product | VA | AVR | Backup Time (minutes) | Watts | Joules | CEW | Outlets | Port | Phone Line |
|------------|-----|-----|-----------------------|-------|--------|-----------|---------|--------|-------------|
| F6H350-SER | 350 | No | Up to 15 | 190 | 510 | \$50,000 | 8 | Serial | 1 In, 2 Out |
| F6H500-SER | 500 | No | Up to 28 | 300 | 510 | \$75,000 | 8 | Serial | 1 In, 2 Out |
| F6H650-SER | 650 | No | Up to 35 | 360 | 510 | \$100,000 | 8 | Serial | 1 In, 2 Out |
| F6H350-USB | 350 | No | Up to 15 | 190 | 510 | \$50,000 | 8 | USB | 1 In, 2 Out |
| F6H500-USB | 500 | No | Up to 28 | 300 | 510 | \$75,000 | 8 | USB | 1 In, 2 Out |
| F6H650-USB | 650 | No | Up to 35 | 360 | 510 | \$100,000 | 8 | USB | 1 In, 2 Out |

Home Office Series Technical Specifications

| | |
|--|---|
| Battery Backup Outlets | 4 (with surge protection) |
| Surge-Protected Outlets | 4 |
| Undervoltage/Overvoltage Switch to Battery | 105 - 135VAC ± 3VAC |
| Output Voltage on Battery | 120VAC ± 5% |
| Typical Battery Recharge Time | 8 Hours |
| Frequency | 60Hz |
| Joule Rating | 510 Joules |
| Protection | Thermal Breaker Device (UL/CSA-approved) |
| Typical Battery Life | 3-5 Years |
| Safety Standards | UL: Meets UL 1778/cUL/UL497A EMI: Meets FCC Class B IEC 1000-4-2 Level 3 (Electrostatic Discharge) IEC 1000-4-4 Level 2 (Fast Transient/Burst) IEC 1000-4-5 Level 3 (Lightning Surge) |



Universal UPS Series

Models: F6C800-UNV, F6C100-UNV, F6C120-UNV

Key Features and Benefits

- 6 Outlets**
Grounds AC power through 6 surge-protected outlets, 4 of which provide battery backup.
- USB & Serial Communication Port**
Offers faster communication through RS232 or USB port, along with expandability and easy installation.
- AVR**
Automatic Voltage Regulation
-Offers you higher-level power protection.
-Provides "clean" power.
-Regulates both surges and dips in power.
- Bulldog Plus Software**
-Manages computer shutdown in the event of a power failure, and provides diagnostic support.
-Enables you to manage your UPS(es) over your LAN.
-Sends emergency alerts via e-mail, pager, and various telecommunication devices.
- Phone, Fax, Modem, and Network Protection**
Safeguards telecommunications with RJ45 port for your telephone, fax, modem, and network.

- Data Recovery Warranty
- Connected Equipment Warranty (CEW)
- Belkin 3-Year Product Warranty



Universal UPS Series Technical Specifications

| | |
|--|---|
| Battery Backup Outlets | 4 (with surge protection) |
| Surge-Protected Outlets | 2 |
| Undervoltage/Overvoltage Switch to Battery | 90 - 136VAC ± 3VAC |
| Output Voltage on Battery | 120VAC ± 5% |
| Typical Battery Recharge Time | 12 Hours |
| Frequency | 60Hz |
| Joule Rating | 890 Joules |
| Protection | Thermal Breaker Device (UL/CSA-approved) |
| AVR Voltage Detection Tolerance Range | ± 3%VAC |
| AVR Smart Boost | Increases 20% of input of voltage if input is 90 - 108VAC |
| AVR Output Voltage Range | Online operation for input: 90 - 136VAC Output will be: 90 - 136VAC |
| AVR Response Time | ≤ 150ms |
| Safety Standards | UL: Meets UL 1778/cUL/UL497A EMI: Meets FCC Class B IEC 1000-4-2 Level 3 (Electrostatic Discharge) IEC 1000-4-4 Level 2 (Fast Transient/Burst) IEC 1000-4-5 Level 3 (Lightning Surge) |

| Product | VA | AVR | Backup Time (minutes) | Watts | Joules | CEW | Outlets | Port | Telecom Port |
|------------|------|-----|-----------------------|-------|--------|-----------|---------|--------------|--------------|
| F6C800-UNV | 800 | Yes | Up to 45 | 450 | 890 | \$150,000 | 6 | Serial & USB | 1 In, 1 Out |
| F6C100-UNV | 1000 | Yes | Up to 75 | 550 | 890 | \$300,000 | 6 | Serial & USB | 1 In, 1 Out |
| F6C120-UNV | 1200 | Yes | Up to 100 | 670 | 890 | \$500,000 | 6 | Serial & USB | 1 In, 1 Out |

Regulator Pro® Network UPS

Models: F6C700, F6C100, F6C100-4

Key Features and Benefits



6 Outlets (except F6C700, which has 4 outlets)
Grounds AC power through 6 surge-protected outlets, 4 of which provide battery backup.



Serial Communication Port
Offers faster communication through serial (RS232) port, along with expandability and easy installation.



Automatic Voltage Regulation
-Offers you higher-level power protection.
-Provides "clean" power.
-Regulates both surges and dips in power.



Sentry Bulldog Plus Software
-Manages computer shutdown in the event of a power failure, and provides diagnostic support.
-Enables you to manage your UPS(es) over your LAN.
-Sends emergency alerts via e-mail, pager, and various telecommunication devices.



Network Protection (modem, network port)
Safeguards telecommunications with RJ45 port for your telephone, network, fax, or modem.

TVSS Card
Allows you to replace surge protection on your UPS.

SNMP Expansion Slot
Connects your UPS to a LAN; lets you monitor and control the UPS from any PC on the LAN.

- EcoBattery Replacement Program™
- Data Recovery Warranty
- Connected Equipment Warranty (CEW)
- Belkin 3-Year Product Warranty

Net UPS Series Technical Specifications

| | |
|--|---|
| Battery Backup Outlets (with surge protection) | 2 (F6C700), 4 (F6C100 and F6C100-4) |
| Surge-Protected Outlets | 2 |
| Voltage Range | 91 - 145VAC ± 3% |
| Output Voltage on Battery | 120VAC ± 5% |
| Typical Battery Recharge Time | ≤ 8 Hours |
| Frequency | 60Hz |
| Joule Rating | 1340 Joules |
| Protection | Thermal Breaker Device (UL/CSA-approved) |
| Overload Switching Load: Detection Tolerance | ± 5% |
| Typical Battery Life | 3-5 Years |
| AVR Voltage Detection Tolerance Range | ± 3% VAC |
| AVR Smart Boost | Increases 17% of input of voltage if input is 91 - 105VAC |
| AVR Smart Trim | Reduces 13% of Voltage if input is 132 - 145VAC |
| AVR Output Voltage Range | Online operation for input: 91 - 145VAC Output will be: 101 - 136VAC |
| AVR Response Time | ≤ 4ms |
| Safety Standards | UL: Meets UL 1778/cUL/UL497A EMI: Meets FCC Class B IEC 1000-4-2 Level 3 (Electrostatic Discharge) IEC 1000-4-3 Level 2 (Radio Frequency Electromagnetic Field) IEC 1000-4-4 Level 2 (Fast Transient/Burst) IEC 1000-4-5 Level 3 (Lightning Surge) |



| Product | VA | AVR | Backup Time (minutes) | Watts | Joules | CEW | Outlets | Port | Network Protection (RJ45) |
|----------|------|-----|-----------------------|-------|--------|-----------|---------|--------|---------------------------|
| F6C700 | 700 | Yes | Up to 55 | 450 | 1340 | \$100,000 | 4 | Serial | RJ45 1 In, 1 Out |
| F6C100 | 1000 | Yes | Up to 60 | 670 | 1340 | \$100,000 | 6 | Serial | RJ45 1 In, 1 Out |
| F6C100-4 | 1400 | Yes | Up to 65 | 950 | 1340 | \$100,000 | 6 | Serial | RJ45 1 In, 1 Out |

Use the following color-coded chart to determine which Belkin UPS is ideal for you.

| Computer | Home Office Series | Universal Series | Net UPS Series |
|--|---|--|--------------------------------------|
| Entry-Level Computers: Up to 1GHz: Intel®, AMD™, Cyrix®, iMac® | Ideal for 15", 17" monitors and 15", 17" Flat-Panel Screens | Ideal for 15", 17", 19" monitors and 15", 17", 19", 21" Flat-Panel Screens | Ideal for servers, PBX, and networks |
| Mid-Level Computers: Up to 1.3GHz: Intel, AMD, Cyrix, Power Mac™ G3 | Ideal for 15", 17" Flat-Panel Screens | | |
| Advanced Computers: Up to 2GHz & Faster—Intel, AMD, Cyrix, Power Mac G4 | Not recommended | Ideal for LAN management | |
| Servers, Network Management | | | |

Glossary of Terms

BROWNOUT: occurs when the voltage drops below the normal 110V-120V for an extended period of time.

SAG: lasts for a short duration, such as when your washing machine turns on and you notice the lights go dim for a split second.

SNMP: stands for Simple Network Management Protocol. An SNMP card allows a UPS to connect to a Large Area Network (LAN). The user will be able to monitor and control the UPS from any PC on the LAN, using either SNMP protocol and an SNMP network management platform or a web browser.

SPIKE: is a significant increase in voltage. A spike can enter electronic equipment through AC, network serial, phone, or coaxial lines and can damage or completely destroy components.

SURGE: is a short-term increase in voltage. A surge occurs when large loads are suddenly turned off or when power companies switch power distribution across your particular grid.

TVSS: stands for Transient Voltage Surge Suppressor. A TVSS card allows users to protect phone, fax, or network lines from power disturbances.