

Patented  
Technology

# Office Plus

## UNINTERRUPTIBLE POWER SUPPLY WITH ELECTRONIC POWER CONDITIONER

An Economical Power Protection  
Solution Offering Battery Back up,  
Surge Protection, and Power  
Conditioning

The Office Plus is the only standby  
uninterruptible power supply with  
a Transformer-Based Filter, an  
electronic power conditioner with  
ground noise filtering capability.

### What it does

- Emergency power during a power outage
- Prevents data loss from system crashes
- Protects your investment from all spikes and surges
- Defends Telephone/Modem/Network lines

### Protection against...

- Power outages
- High voltage surges & lightning
- Low voltage transient noise
- Prolonged over voltage

### Benefits

- Increase uptime
- Save money on power related service calls
- Improve business productivity
- Systems operate as intended
- Protected equipment lasts longer (customer satisfaction)



**Equipped With Patented  
TBF™ Power Conditioner**

### Applications



ALL IN ONE  
POS TERMINAL



WORKSTATION  
COMPUTERS



MULTIMEDIA



DESKTOP  
PRINTERS



ROUTERS, MODEMS,  
HUBs



KIOSKS

# Office Plus

## UNINTERRUPTIBLE POWER SUPPLY WITH ELECTRONIC POWER CONDITIONER

### Features:

- Electronic power conditioning (TBF™)
- Automatic save and shutdown software for unattended computer
- 8 receptacles (4 battery + power conditioning & 4 power conditioning only)
- "SMART GROUND" technology (patent pending) to eliminate ground loop current
- USB port
- Tel/Modem/Internet/DSL (RJ11) protection and network protection RJ45
- User replaceable batteries
- Short circuit and overload protection
- Cold start (DC power on)

### What is TBF™ Technology?

A Transformer-Based Power Filter, or TBF™ for short, is a revolutionary, patented technology that is embedded in every Smart Power System power protection device. Simply put, TBF™ is the most effective technology for regulating power so that issues like power spikes, surges and noise do not affect the ability of your equipment to operate properly. TBF™ technology eliminates power issues that cause disruption, degradation and destruction to electronic components.



**SURGE  
SUPPRESSOR**

Surges are typically **2%** of total power problems

**2%**

+



**TRANSFORMER-BASED FILTER (TBF™)**

Small surges and power spikes -- particularly in the common mode account for **87%** of all power problems.

**87%**

+



**BATTERY**

Total loss of electrical power account for **1%** of power problems.

**1%**

=



**UPS w/TBF**

The UPS with **Transformer Based Filter (TBF™)** from **Smart Power Systems** successfully combines these critical functions into one unit--offering you **90%\*** protection.

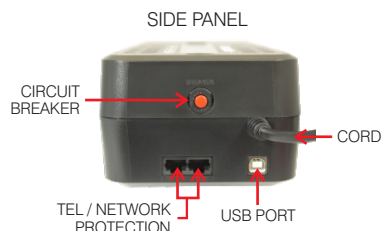
**90%\***

\*These figures are averaged numbers based upon studies conducted by AT&T, IBM and others.

### Specifications

MODEL	OF420UPlus-T	OF650UPlus-T	OF850UPlus-T
Output Capacity VA / W	420 / 210	650 / 330	850 / 450
Output Voltage	120V		
Input Voltage	120VAC - 20% +15%		
TRANSIENT LET THROUGH VOLTAGE	<0.5V Common Mode (N-G) / <10V Normal Mode (L-N)		
Back-up Time (Minutes) Half Load.	11.5	9.5	7
Net Weight (Lbs. / Kg.)	6.99 / 3.17	7.65 / 3.47	
Shipping Weight (Lbs. / Kg.)	7.45 / 3.42	8.20 / 3.72	
Dimensions D x W x H (In.)	12 x 4.92 x 3.30 / 305 x x125 x 84		
Communication Port	USB		
Receptacles	8 (4-NEMA 5-15R Battery power Plus Power Conditioning TBF™, 4 NEMA 5-15R Power Conditioning TBF™ only)		
Phone/Network/LAN Protection	RJ11/RJ45		
Communication Software	Automatic save and shutdown for unattended PCs, reboot/shutdown scheduling, self test scheduling, power condition analysis		

All specifications are subject to change without notice.



If the Smart Power Systems equipment fails and this failure allows a surge to pass through and damage the connected equipment, Smart Power Systems will pay for the repair or replacement of the connected equipment of the original purchaser. Please take the time to register each Smart Power Systems' product along with the connected equipment devices connected to it within 10 days of date of purchase in order for you to take advantage of this product warranty and connected equipment protection policy. See our website for more details - [www.smartpowersystems.com](http://www.smartpowersystems.com)

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**EMERGE**  
POWER SOLUTIONS

**SMART POWER SYSTEMS**

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