

⚠ WARNING: Important! Read and understand these instructions before installing the replacement battery. If the battery is not properly installed, personal injury and damage to the bed could result.

▲ NOTICE: SAVE THESE INSTRUCTIONS. This section contains important instructions that should be followed during installation and maintenance of the UPS and batteries.

DANGER / WARNING / CAUTION / NOTICE SUMMARY

The following is a listing of the safety precautions which must be observed when operating and servicing this equipment. These precautions are repeated (in whole or in part), where applicable, throughout the installation instructions.

WARNING: To Reduce the Risk of Burns, Fire, Electric Shock, ARC Flash, or Personal Injury

⚠ DANGER: SHOCK HAZARD — To reduce the risk of electric shock, unit is to be serviced by qualified personnel only.

⚠ DANGER: DO NOT operate the UPS in direct sunlight, in contact with fluids, or where there is excessive dust or humidity.

⚠ DANGER: Be sure the air vents on the UPS are NOT blocked. Allow adequate space for proper ventilation.

▲ NOTICE: Failure to follow these instructions WILL result in death or serious injury.

CAUTION: Risk of Hydrogen Sulphide Gas and Excessive Smoke

⚠ CAUTION: Connect the UPS power cable directly to a wall outlet.

⚠ CAUTION: Battery must be replaced when they reach end of service life.

⚠ CAUTION: Batteries must be replaced when the unit indicates battery replacement is necessary.

⚠ CAUTION: When replacing batteries, replace with the same number and type of batteries originally installed in the unit.

▲ NOTICE: Failure to follow these instructions could result in minor or moderate injury and equipment damage.

⚠ WARNING: Inspect the package contents upon receipt. If components are damaged or missing, contact your GF Health Products, Inc. authorized distributor immediately. DO NOT use substitute parts. Use only Transfer Master replacement parts. Non-Transfer Master replacement parts could cause personal injury and cause damage to the bed.

⚠ WARNING: GF Health Products, Inc. assumes no responsibility for any damage or injury caused by improper assembly, installation or use of this product.

BATTERY BACKUP INSTALLATION FOR TRANSFER MASTER BEDS

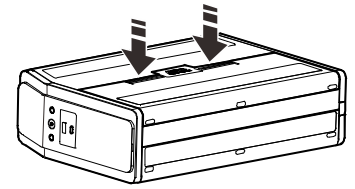
⚠ WARNING: Important! Battery backup must be installed and tested BEFORE leaving!

Installation Steps:

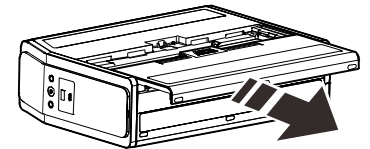
INFO: The UPS is shipped with the battery disconnected.

1. Locate the battery backup unit:

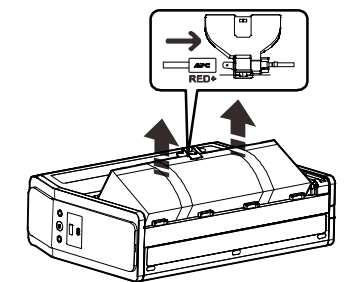
a. Lay the UPS with the battery door facing up.
The arrows point to the locking tabs of the battery compartment.



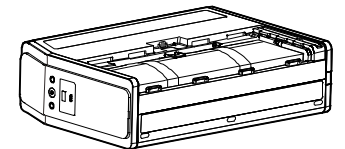
b. Press the tabs downwards and pull the battery door away from the unit to access the battery modules.



c. Using the handles on both sides of the battery, lift the battery 30 degrees upward to expose the battery connector. Connect the red wire.



d. Push the battery into the unit.



2. Plug the bed into the battery backup:

a. Insert the bed power cord into an outlet on the battery backup unit.

b. Verify that the bed is plugged into a battery backup outlet, and not one of the surge only ports.

⚠ WARNING: Do NOT plug the bed directly into the wall.

DO NOT

- Do NOT forget to connect the battery
- Do NOT plug bed directly into wall when battery backup is provided
- Do NOT bypass the battery backup unit
- Do NOT leave the site without installing and testing the battery backup

SUPPORT

For installation questions, contact Technical Support: 770-368-4700 x3454

FINAL CHECK

Battery is connected

Bed is plugged into battery backup

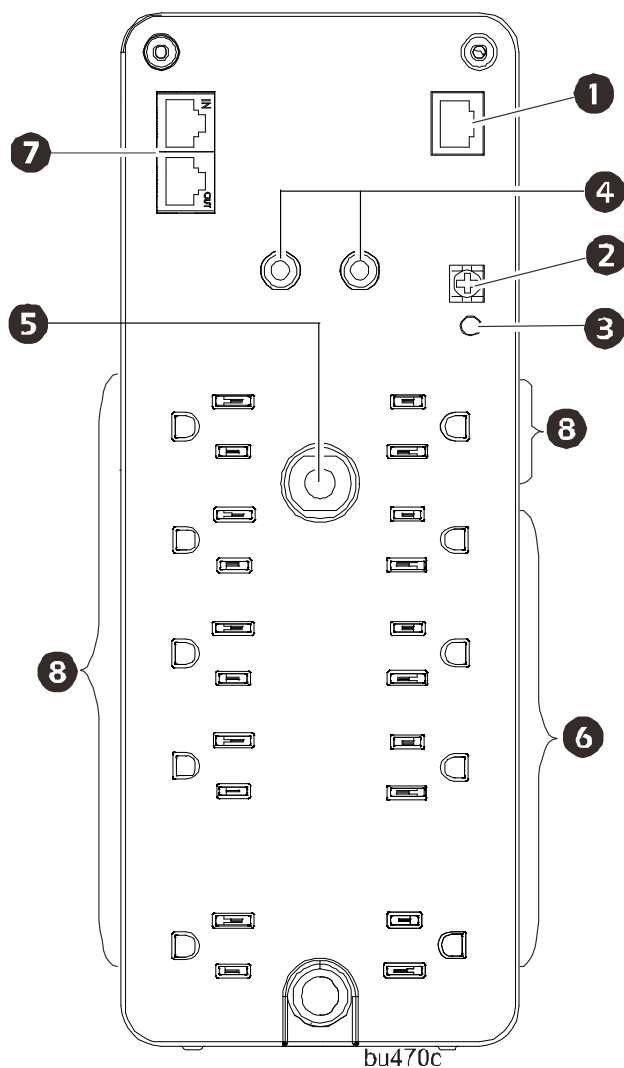
Battery backup is plugged into wall

Power is ON

Bed is functioning



BATTERY BACKUP AND SURGE-PROTECTED OUTLETS



1	USB and Serial Data port	To use PowerChute Personal Edition, connect the supplied USB communication cable or an optional serial cable (not supplied).
2	Ground screw	Ground screw Connect the ground lead from an additional surge suppression device such as a stand-alone data line surge protector.
3	Building Wiring Fault indicator	If this indicator is illuminated, there is a problem with the wiring in the building. Contact an electrician immediately and do not use the Back-UPS.
4	Coaxial ports with surge protection	Connect a cable modem or other equipment with coaxial jacks.
5	Circuit Breaker	Use to reset the system after an overload condition has occurred causing the circuit breaker to trip.
6	Surge Protected outlets	These outlets provide full-time protection from surges, even if the Back-UPS is off. Connect equipment such as printers and scanners that do not require battery backup protection.
7	In/Out Ethernet surge-protected ports	Use an Ethernet cable to connect a cable modem to the IN port, and connect a computer to the OUT port.
8	Battery Backup outlets with Surge Protection	During a power outage or other AC problems, the Battery Backup outlets receive power for a limited time from the Back-UPS. Connect critical equipment such as desktop computer, computer monitor, modem or other data sensitive devices into these outlets.



FUNCTION BUTTON QUICK REFERENCE GUIDE

FUNCTION BUTTON		TIMING (SECONDS)	UPS STATUS	DESCRIPTION
POWER				
Power On		0.2	Off	Press POWER to start receiving input AC power. If AC input power is not available, the Back-UPS will run on battery power.
Power Off		2	On	The Back-UPS is not receiving input AC power, but is providing surge protection.
DISPLAY				
Status Inquiry		0.2	On	Verify the status or condition of the Back-UPS. The LCD will illuminate for 60 seconds. Press the button the toggle into various information.
Full-Time/ Power-Saving mode		2	On	The LCD will illuminate and the Back-UPS will beep to confirm the Full-Time mode. The LCD will darken and the Back-UPS will beep to confirm the Power-Saving mode. While in Power-Saving Mode, the LCD will illuminate if a button is pressed, then darkens after 60 seconds of no activity.
Mute				
Enable/ Disable mode		2	On	Enable or disable the audible alarms. The Mute icon will illuminate and the Back-UPS will beep one time.
Sensitivity		6	Off	The Load Capacity icon will blink, indicating that the Back-UPS is in programming mode. Use the POWER button to scroll through Low, Medium, and High, stop at selected sensitivity. The Back-UPS will beep to confirm selection. See "Unit Sensitivity" for details.
Self-Test (manual)		6	On	The Back-UPS will perform a test of the internal battery. Note: This will happen automatically when the Back-UPS is turned ON or when the Back-UPS previously detected a bad battery.
Event Reset		0.2	On	When the Event screen is visible, press and hold DISPLAY, then press POWER to clear the detected error event counter.
Error Reset		2	Error	After an error has been identified, press POWER to remove the visual indication and return to standby status.



TROUBLESHOOTING

Problem	Possible Cause	Corrective Action
Back-UPS will NOT switch on.	The Back-UPS is not connected to AC power.	Ensure that the Back-UPS is securely connected to an AC outlet.
	The circuit breaker has been tripped.	Disconnect non-essential equipment from the Back-UPS. Reset the circuit breaker. Re-connect equipment one item at a time. If the circuit breaker is tripped again, disconnect the device that caused the trip.
	The internal battery is NOT connected.	Connect the battery.
	The AC input voltage is out of range.	Adjust the transfer voltage and sensitivity range.
The Back-UPS does NOT provide during a AC power outage.	Ensure that essential equipment is NOT plugged into a Surge ONLY outlet.	Disconnect equipment from the Surge ONLY outlet and re-connect to a Battery Backup outlet.
The Back-UPS is operating on battery power, while connected to AC power.	The plug has partially pulled out of the wall outlet, the wall outlet is no longer receiving AC power, or the circuit breaker has been tripped.	Ensure that the plug is fully inserted into the wall outlet. Ensure that the wall outlet is receiving AC power by checking it with another device.
	The Back-UPS is performing an automatic self test.	No action is necessary.
	The AC input voltage is out of range, the frequency is out of range, or the waveform is distorted.	Adjust the transfer voltage and sensitivity range.
The Back-UPS does not provide the expected amount of backup time.	Battery Backup outlets may be fully or improperly loaded.	Disconnect non-essential equipment from the Battery Backup outlets and connect the equipment to Surge outlets.
	The battery was recently discharged due to a power outage and has not fully recharged.	Charge the battery cartridge for 16 hours.
	The battery has reached the end of its useful life.	Replace the battery.
The Replace Battery indicator is illuminated.	The battery has reached the end of its useful life.	Replace the battery as early as possible.
The Overload indicator is illuminated.	The equipment connected to the Back-UPS is drawing more power than the Back-UPS can provide.	Disconnect non-essential equipment from the Battery Backup outlets and connect the equipment to Surge outlets.
The System Error indicator is illuminated, all the front panel indicators are flashing.	There is an internal error.	Determine which internal error message is displayed by matching the number displayed on the LCD with the corresponding Error Message (see "System Errors") and contact SEIT Technical Support.



SPECIFICATIONS

	BN1100M2 BN1100M2-CA	BN1350M2 BN1350M2-CA	BN1375M2	BN1400M2	BN1500M2 BN1500M2-CA
VA	1100 VA	1350 VA	1375 VA	1400 VA	1500 VA
Maximum Load	600W	810W			900W
Nominal Input Voltage	120 V				
Online Input Voltage Range	88 - 139 V				
Automatic Voltage Regulation	Boost by +11.3% when input voltage drops below limit				
Frequency Range	60 Hz ± 3 Hz				
On-battery Waveshape	Step-approximated sine-wave				
USB charging port	1100, 1350, 1500 VA models: Type C*1, Type A*1 (15W in total) 1375 and 1400 VA models: Type A*2 (12W in total)				
Typical Recharge Time	16 hours				
Transfer Time	8 ms, maximum				
Operating Temperature	32 to 104°F (0 ~ 40°C)				
Storage Temperature	23 to 113°F (-15 ~ 40°C)				
Unit Dimensions	11.9 ×4.4 ×15.0 in (368 ×100 ×260 mm)				
Unit Weight	21.6 lb (9.8 kg)	22.9 lb (10.4 kg)			25.1 lb (11.4 kg)
Interface	USB and Simple Signal				
On-Battery Runtime	Go to http://www.apc.com/product				

WARRANTY

The standard warranty is one (1) year from the date of purchase. Schneider Electric IT (SEIT) standard procedure is to replace the original unit with a factory reconditioned unit. Customers who must have the original unit back due to the assignment of asset tags and set depreciation schedules must declare such a need at first contact with an SEIT Technical Support representative. SEIT will ship the replacement unit once the defective unit has been received by the repair department, or cross ship upon the receipt of a valid credit card number. The customer pays for shipping the unit to SEIT. SEIT pays ground freight transportation costs to ship the replacement unit to the customer.

Manufactured For:
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