

PowerPack Ultra 2.6 Series

OWNER'S MANUAL



PowerPack Ultra 2.6 Owner's Manual

Installation for PowerPack Ultra 2.6 Power System



The PowerPack Ultra 2.6 Portable Power System will be received in 1 piece.

- There is (1) power switch located at front of unit
- There are (2) power outlets to plug your equipment into at front of unit
- There is (1) power cord (included) for charging the unit
- Hardware for battery connection included

Tools Required: (1) Philips-head screwdriver

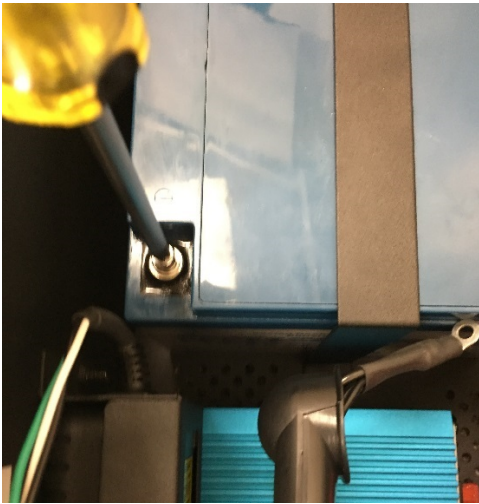


1. Open the unit by removing the (2) thumbscrews on each side of the top cover



2. Slide back the black boot on the black negative (-) cable

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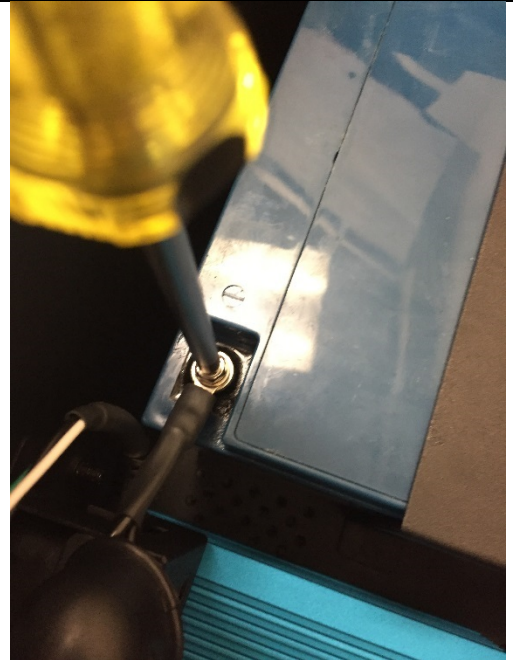
3. Using the screwdriver, remove the screw and hardware from the negative (-) battery terminal



4. Place hardware on screw as shown

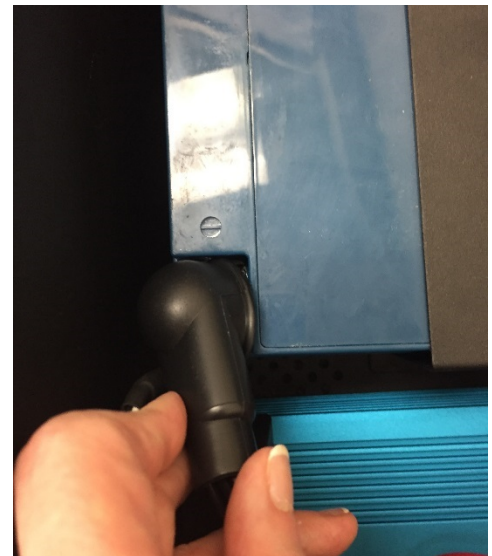


5. Insert the screw through the ring connector of black cable as shown



6. Place screw in negative (-) battery terminal and securely tighten with screwdriver

Note: Sparking is normal for first connection



7. Slide black boot over the terminal as shown

Put top cover back on and tighten thumbscrews

How to use the PowerPack Ultra 2.6 Power System:

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1. Plug your equipment (thermal printer, laptop, etc.) into the front power outlets



2. Turn the power switch to the ON position ("I")

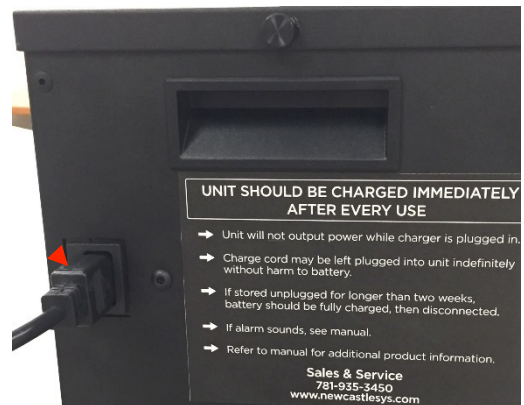
The switch should illuminate

How to charge the unit:

1. Turn off your equipment (thermal printer, laptop, etc.)



2. Turn the power switch to the OFF position ("O")



3. Firmly plug the female end of the charge cord to the side of the unit as shown



4. Plug the charge cord to wall outlet

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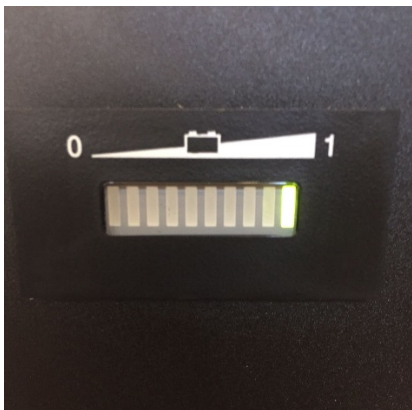
Orange Light = Charging



Green Light = Charged

Note:

- Full charge can take up to 10 hours
- Unit will not power equipment while charge cord is plugged in



The LED "Fuel Gauge" provides battery status during use

Additional detail shown below:

LED Battery Meter Light Indicators:

Voltage	11.2	11.4	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6
Light#	1	2	3	4	5	6	7	8	9	10
Color	Red Blinks	Red Blinks	Yellow	Yellow	Yellow	Green	Green	Green	Green	Green

Operating Tips:

- Charge your battery before using it to ensure it is fully charged. Turn off the unit, and simply plug the charger cord (located on side of unit) into a standard wall unit
- Monitor the battery status meter
- Batteries should not be discharged below 11.5 volts as this will shorten the life of the battery
- **Unit should be charged as soon as possible after each use (otherwise it will void the warranty).**
- Batteries **SHOULD NOT** be stored in a discharged state for more than 1 or 2 days. If left in a discharged state longer, it will damage battery and it may no longer take a charge
- When the unit is not in use, turn the unit to the OFF position. The system charger may be plugged into a wall outlet indefinitely
- Operate in temperatures between 32°- 100° F
- Avoid exposing battery to heat, service life is shortened by temperatures above 85° F
- Keep unit well ventilated. For proper cooling, allow at least 2" of clearance
- Keep unit clean and free of dust and dirt
- For indoor use only. Keep unit dry at all times
- Battery should be disposed of properly

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- Operating time will vary depending on the charge level of the battery, and the power consumption of a given device(s)
- Alarms and automatic shutdown are normal safety functions of this unit, indicating either outlet overload or low battery voltage. If alarm sounds and/or the unit has shut down and will not turn on . . .
 - **Reduce wattage load and/or recharge battery**
 - **Toggle ON/OFF switch 3 to 4 times, ending in the ON position ("I")**
- This equipment contains components that tend to produce arcs or sparks.
 - To prevent fire or explosion, do not install the inverter in compartments containing batteries or flammable materials, or in locations that require ignition-protected equipment.
 - These locations include any space containing gasoline-powered machinery, fuel tanks, as well as joints, fittings, or other connections between components of a fuel system.
- **RISK OF DAMAGE TO EQUIPMENT: OUTPUT IS NONSINUSOIDAL**
 - Some chargers for small nickel-cadmium batteries can be damaged if connected to this unit. Do not use the inverter with the following appliances:
 - Small battery-operated appliances like rechargeable flashlights, some rechargeable shavers, and night lights that are plugged directly into an AC receptacle to recharge.
 - Battery chargers used in hand power tools. These chargers display a warning label stating that dangerous voltages are present at the charger battery terminals.



- **AC Input:** 100-240VAC, 50/60 Hz, 1.5A max
- **AC Output:** 120V/60 Hz, PWM Sine Wave, 375 watts continuous output power; 600 watts peak output power (instantaneous)
- **For storage longer than 2 weeks without charging:** Unit should be fully charged then battery should be disconnected

For additional questions, please contact Newcastle Systems at 781-935-3450.