Promate® 240+ Powerstation

Owner's Manual

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INTRODUCTION

This Promate240+ has been carefully engineered and manufactured to give you dependable operation. Please read this manual thoroughly before operating your new Promate240+. Familiarize yourself with its features and optimize the performance that will bring you continued enjoyment for many years.

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I. IMPORTANT SAFETY INSTRUCTIONS

1. To reduce the risk of injury, charge your Promate240+ with the provided AC adaptor and charging cord. Other chargers may cause the battery to rupture, resulting in personal injury and property damage.
2. Promate chargers should NOT be exposed to rain or moisture.
3. The use of accessories not approved or sold by the manufacturer may result in fire, electric shock, or personal injury.
4. When removing the charger, tug on the cigarette lighter connector rather than the cord to prevent damage.
5. Make sure the cord is safe from being stepped on, tripped over, or otherwise subjected to damage or stress.
6. DO NOT use a charger with damaged cord or cigarette lighter connector - replace it immediately.
7. A service or repair technician authorized by Promate should be consulted before disassembling the Powerstation or its charger. A fire or electric shock could occur from improper handling.
8. Before doing any maintenance or cleaning, unplug the charger to prevent electric shock.
9. The Promate240+ should always be oriented upright.
10. Keep it away from dust and dirt.
11. Warning –The Powerstation and its battery SHOULD NOT be exposed to fire or extreme heat since they have the potential to explode (read section II, #5 for operating temperature).
12. This unit meets the relevant safety requirements for the transport of dangerous goods.
13. When disposing of this unit, give careful consideration to both your safety and the environment.
14. Warning – Risk of explosive gases.
    a. Working in vicinity of a lead-acid battery is dangerous. Batteries generate explosive gases during normal battery operation. For this reason, it is of utmost importance that each time you use your Powerstation, you read this manual and follow the instructions exactly.
    b. Do not expose the Powerstation or its battery to fire or intense heat as it may explode.
15. Personal Precautions
    a. Never smoke or allow a spark or open flames near the battery or engine.
    b. Use the Powerstation on a 12-volt LEAD-ACID battery only. Do not connect to a 6-volt or 24-volt battery system. Use the DC outlet socket to operate 12-volt appliances equipped with a cigarette lighter plug.
    c. If battery acid comes in contact with skin, rinse immediately with running water, then wash thoroughly with soap and water. If redness, pain or irritation occurs, seek immediate medical attention.
    d. If battery acid gets into your eyes, rinse them thoroughly for at least 10 minutes and seek medical attention immediately.
    e. Never jump-start a frozen battery.
    f. This system is not designed to be used as a replacement for a vehicular battery. Do not attempt to operate a vehicle that does not have a battery installed.

16. Battery Jump-start Precautions

Warning – Follow these steps when jumpstarting a vehicle. A spark near battery may cause a battery explosion to reduce risk of a spark near battery or injury, follow precautions below.

a. Always connect the external connection cable clamps to the car battery terminals prior connecting to the Powerstation. Never touch the battery clamps together, this can cause dangerous sparks, power arcing and/ or explosion.

b. Jump-start procedures should only be performed in a safe, dry, well-ventilated area.

c. When operating the unit near the vehicle's battery and engine, place it on a flat, stable surface and ensure that all clamps, cords, clothing, and body parts are kept clear of any moving vehicle components.

d. Check the polarity of the battery posts. POSITIVE (POS,P, +) battery posts usually have a larger diameter than NEGATIVE (NEG, N, -) posts.

e. Determine which post of battery is grounded (connected) to the chassis. If the negative post is grounded to chassis, (as in most vehicles), see (f). If the positive post is grounded to chassis, see (g).

f. For negative-grounded vehicles, connect the POSITIVE (RED) clip from jump-start cable to the POSITIVE (POS, P, +) ungrounded post of the battery. Connect the NEGATIVE (BLACK) clip to the vehicle chassis or engine block away from the battery. Do not connect the clip to carburetor, fuel lines, or sheet-metal body parts. Connect to a heavy gauge metal part of the frame or engine block.

g. For positive-grounded vehicle, connect NEGATIVE (BLACK) clip from jump-start cable to NEGATIVE (NEG, N, -) ungrounded post of battery. Connect the POSITIVE (RED) clip to vehicle chassis or engine block away from the battery. Do not connect the clip to carburetor, fuel lines, or sheet- metal body parts. Connect to a heavy gauge metal part of the frame or engine block.

h. When disconnecting the cables, (1) disconnect the External Battery Connection Terminal from the Powerstation, (2) then the black negative clamps (-) and then the red positive clamp (+), in that order.

i. Store in a cool, dry place and out of reach of children.

j. Final jump-start Cautions

   i. Vehicles that have on-board computerized systems may be damaged if vehicle battery is jump-started. Before jump-starting, read the vehicle's owner's manual to confirm that external starting assistance is advised.

   ii. Excessive engine cranking can damage a vehicle's starter motor. If the engine fails to start after the recommended number of attempts, discontinue jump-start procedures and look for other problems that may need to be corrected.

II. SPECIFICATIONS

GENERAL SPECIFICATIONS:

Dimension(cm): 27.3 x 26 x 29.8

Gross Weight: 12 kgs

Output:

12V DC Socket (max. 11 Amp)

12V DC Jack x 2 (total max. 1 Amp)

5V 2.1A USB Port x 3 (Low voltage shut down 10V ± 0.3V)

QC 3 A USB Port x 1 (Low voltage shut down 10V ± 0.3V)

Type C Port x 1 (Low voltage shut down 10V ± 0.3V)

220V AC Power Inverter 400Watt (Low voltage shutdown 10V ± 0.3V)
External battery connection for jumpstarting

Work light:

5 X LEDs Work-light (Low voltage shut down 10V ± 0.3V)

Charging:

Car – AC/DC Charging Port

AC – AC/DC Charging Port

Solar Charging Port

Type C DC Charging Port

Built-in Battery: 2 x 12Ah-12V Valve Regulated Lead Acid – AGM Type Battery

INVERTER SPECIFICATIONS:

Output Power Continuous: 400W Operating

Voltage: DC 11-14.5V

AC Output Voltage (RMS Meter): 220V ±10%

Output Wave Form: Filtered Modified Sine Wave Low

Battery Alarm: DC 10.3V ± 0.3V

Low Battery Shut Down: DC 10 ± 0.3V

Frequency: 60 Hz ± 3

Efficiency: 85%

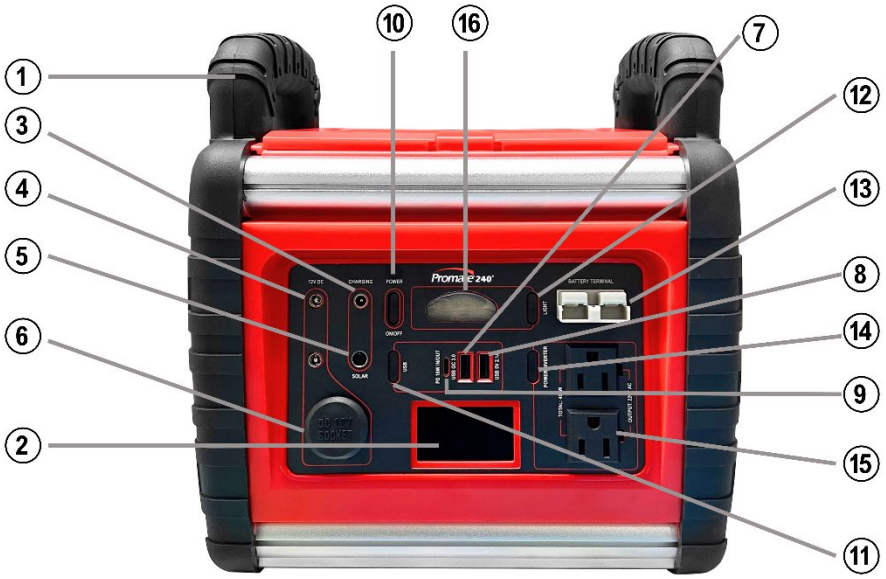
No Load Current Draw: < 0.65A

Over Temperature Protection: 100°C ±10%

CONTROL PANEL FEATURES

1. Rubberized Handle
2. Digital Display
3. AC/DC Charging Port
4. 2 x 12 DC Jack
5. Solar Charging Port
6. 12V DC Socket
7. QC 3 USB Port
8. USB Port

9. Type C Port IN / OUT
10. Power ON / OFF Switch
11. USB Power ON / OFF Switch
12. LED Work Light ON / OFF Switch
13. External Battery / Jumpstarting Connection
14. Power Inverter ON / OFF Switch
15. 2 x 220V AC Outlet
16. 5 x LED Work-light



III. CHARGING THE POWERSTATION

NOTE: Powerstation must be fully charged for **24 hours** before first use.
Failure to do so may permanently damage the battery.

TO READ THE POWERSTATION'S BATTERY VOLTAGE / INVERTER STATUS

1. Short press the Power (On/off) button to show the batter level

< 10.1V----L0

10.1-11.0V----20%

11.1-11.6V----40%

11.7-12.0V----60%

12.1-12.5V----80%

12.6V-----100%

The LCD screen will only display the battery level. If you do not turn on any function, the screen will automatically turn off after a few seconds.

2. Charge the unit using one of the 4 ways

a. Connect the AC Charger Adapter to the AC/DC Charging Port.

b. Connect the Car Charger to the AC/DC Charging Port.
c. Connect the Type C DC charger to the Type C Port.
d. Connect the Solar Panel to the Solar Port.

While the product is charging, the battery level display will flash. The unit is fully charged when the battery level reaches 100% and remains steady without fluctuating.

CAUTION

This unit has a maintenance free, built-in sealed lead acid battery. Although the Powerstation arrives partially charged from the factory, it must be fully charged for **24 hours** before first use, even if the digital meter indicates "100%", the battery is full. This initial charge pre-conditions of the battery are necessary. Failure to follow this procedure may permanently damage the battery.

CHARGING WITH AC ADAPTOR

1. Keep the AC and DC/USB power switches in OFF position while charging.
2. Completely charge your Powerstation before using it for the first time.
3. Quick press the Power On/Off switch to activate the battery display.
4. Before recharging from an AC Outlet, be sure that the source is right. (i.e.,110 volts or 230 volts)
5. Use only the chargers provided with the unit.
6. Plug the AC Charging Cord into any standard wall outlet and the other end into the AC/DC Charging Input Socket.
7. While the product is charging, the battery level display will flash. The unit is fully charged when the battery level reaches 100% and remains steady without fluctuating.

CHARGING WITH Type C ADAPTOR

1. Keep the AC and DC/USB power switches in OFF position while charging.
2. Quick press on the Power On/Off Switch to activate the battery display.
3. Connect your gadget's Type C charger to the unit's Type C In/Out Port.
4. While the product is charging, the battery level display will flash. The unit is fully charged when the battery level reaches 100% and remains steady without fluctuating.

CHARGING WITH CAR DC ADAPTOR

Due to safety circuits built into the input-charging jack, DC charging through this port will not fully charge the battery.

1. Keep the AC and DC/USB power switches in OFF position while charging.
2. Quick press the Power On/Off Switch to activate the battery display.
3. Insert the DC Adapter Plug into the charging port of the unit and the other end into the cigarette lighter socket of your vehicle.
4. The battery level will begin fluctuating, indicating that the unit is charging. Ensure your vehicle is running during charging to prevent draining the car's battery.

NOTE: This method allows the battery to be topped up during a journey but may not fully charge the unit. Disconnect the charging cord before turning off your engine. NEVER leave your vehicle running in an enclosed or poorly ventilated space.

CHARGING WITH SOLAR PANEL

1. Keep the AC and DC/USB power switches in OFF position while charging.
2. Quick press on the Power On/Off Switch to activate the battery display.
3. Only use Promate Solar panel with a maximum output of 100W.
4. Plug the solar panel in the solar port.
5. While the product is charging, the battery level display will flash. The unit is fully charged when the battery level reaches 100% and remains steady without fluctuating.

CHARGING TIPS AND WARNINGS

- Keep the battery charged and ready for emergencies. Unlike some rechargeable batteries, frequent charging will not harm and in fact, will improve the performance of the internal battery.
- Recharge the battery as soon as possible after each use to prolong battery life.
- Frequent heavy discharges between recharging will reduce the battery life.
- Avoid leaving the Powerstation completely discharged for an extended period, as this may lead to battery failure.
- All lead-acid batteries gradually self-discharge over time, particularly in extreme temperatures, so it is important to store them in a cool, dry place.
- RECHARGE EVERY 3 MONTH WHEN NOT IN USE.
- Do not continuously charge the Powerstation for more than 20 hours.
- Use only the charging adaptors provided with this unit.
- DO NOT OPERATE THE UNIT WHILE CHARGING.

IV. BATTERY

CHECKING THE BATTERY STATUS

1. > Short press the Power (On/off) button to show the battery level.

< 10.1V----L0

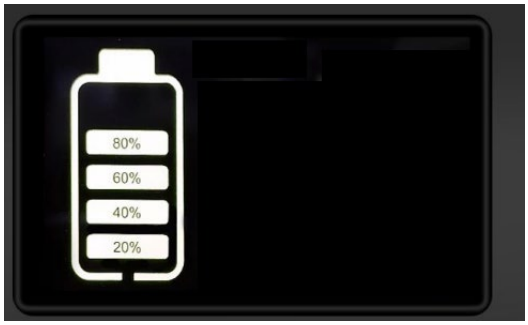
10.1-11.0V----20%

11.1-11.6V----40%

11.7-12.0V----60%

12.1-12.5V----80%

12.6V-----100%



The LCD screen will only display the battery level. If you do not turn on any function, the screen will automatically turn off after a few seconds

2. At 20%, the battery should be recharged as soon as possible. It can still power AC appliances, LED lights, phone accessories, and most 12-volt accessories for a limited time, but it will not be sufficient for the boosting function. Avoid letting the battery fully discharge, as this could cause damage.

BATTERY SPECIFICATION

This unit is equipped with a 2 x 12 VDC 12 Amp-hour maintenance free, sealed lead acid rechargeable battery, which has a normal life expectancy of up to 500 charging cycles and will give many years of dependable service if properly cared for following the directions above. In the event that the battery needs replacement in the future, the unit will need to be opened up; this service should only be performed by a Promate Service technician. Replacement batteries may be purchased from an electrical supply store. Old batteries should be disposed of properly and safely. Please contact your local solid waste authority for recycling information.

EXTERNAL BATTERY CONNECTION

1. It is possible to increase the operating power of the Powerstation by connecting it to an external 12V lead acid battery with external battery connection cable.
2. It can be used as a jump-start system during road emergencies.

V. OPERATING AS A POWER SUPPLY

The Promate240+ is capable of supplying power for 220V AC household devices and 12V DC devices up to the rated capacity of the unit. The length of time the product will operate depends on the condition of the battery and the current draw of the appliance. Low wattage appliances can be operated for several hours while higher wattage products will operate for less time.

220V AC SOCKET

1.1 Introduction

The Powerstation is equipped with a 400-Watt power inverter that converts the power from the internal battery to standard 220 Volt AC household power. The Power Inverter supplies 400 watts of continuous power with 800 watts of surge power. When you turn on an appliance or a tool that operates using a motor or tubes, it requires an initial surge of power to start up. This surge of power is referred to as the “starting load” or “peak load”. Once started, the tool or appliance requires less power to continue to operate. This is referred to as the “continuous load” in terms of power requirements.

You will need to determine how much power your tool or appliance requires to start up and how much power it requires for continuous running. Power consumption is rated either in wattages (watts) or in amperes (amps).
Multiply: AMPS X 220 (AC voltage) = WATTS
This formula yields a close approximation of the continuous load of your appliances.
Multiply: WATTS x 2 = Starting Load

This formula yields a close approximation of the starting load of your appliances.

Most often the start-up load of the appliance or power tool determines whether the inverter has the capability to power it.

CAUTION

Know the wattage requirement of your appliances. Use only those appliances that do not exceed the capacity of this unit.

The output waveform of this inverter is a MODIFIED SINE WAVE. It has a total harmonic distortion of 28% and maximum single harmonic of 18%. If you choose to measure the AC output voltage, you must use a TRUE RMS VOLTMETER such as a Fluke 8060A, Fluke 87, Triplett 4200, Beckman 4410 or any "True RMS" multimeter. Using any other type of voltage measuring device will result in an AC voltage reading of 20 to 30 volts lower than the rated value.

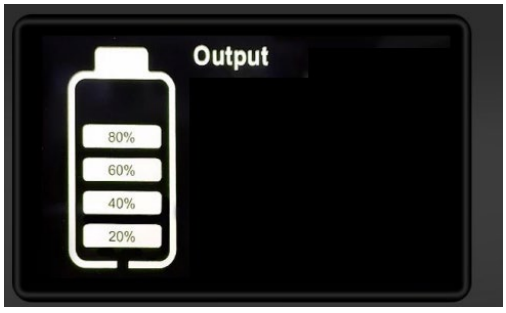
CAUTION: Do not use this Powerstation with devices that may be harmed by the inverter's modified sine wave output (non-sinusoidal), including, but not limited to, appliances with speed controllers (like power tools). Metal halide arc (MHI) lights can also be damaged.

NOTE: If you're unsure about using the inverter to power a device, contact the equipment manufacturer to confirm if the appliance is compatible with the modified sine wave (non-sinusoidal) AC waveform.

1.2 Operating Instructions

Make sure the Powerstation is fully charged before use.

Long press the Power (ON/OFF) button to turn on the power station. (Long press again to turn off the power station)



Short press the AC button to activate the AC output function when the power station is on. The LCD screen will then display the voltage, power, frequency, and AC status.

Plug the product into the AC outlet and proceed to use according to the directions on the product. The Powerstation will operate most devices rated up to 400 watts.

The AC Power supply is equipped with a low battery alarm and an automatic shutdown feature to protect the unit if the battery power drops below the safe recharging level.

If the low battery alarm sounds while you are operating an AC product, unplug the device immediately and discontinue use until the Powerstation battery can be recharged.

Short press the AC button to switch inverter "OFF" and disconnect the AC product. Recharge battery as soon as possible and before further use.

If you ignore the warning alarm, the power supply will automatically shut down and your AC product will instantly lose power.

The AC power supply function is also protected against overloads and overheating. If either of these conditions should occur, the power inverter will shut down automatically and all AC display info will turn to 0.

In case of overloading, unplug the AC load, short press the AC button to turn off and reset the unit.

a. Operating with an extension cord

We recommend that you use an extension cord no longer that 100 ft. between the AC Output and AC appliance. A longer cord may result in reduced output.

b. Extended operating with an external battery.

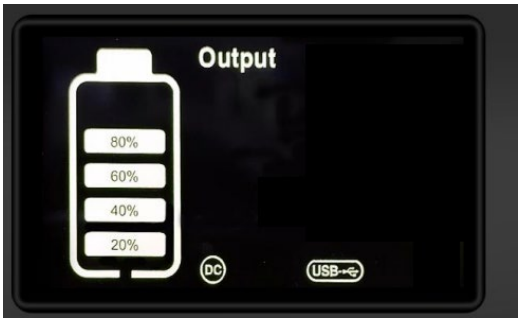
You can extend the Powerstation operating time by connecting it to a larger external 12 VDC battery.

Ensure that the spare battery is 12 VDC. Ensure correct polarity connection of the red positive (+) clip of the cables to the red positive (+) terminal of the external battery by connecting the black negative (-) clip of the cables to the black negative (-) terminal of the external battery. Then, insert the other end of external battery connection terminal to the Powerstation for supplemental power.

CAUTION: Do not recharge the Powerstation while it is connected to an external battery.

USB PORT

Short press the USB button to activate the USB and DC output.
Press it again to turn off the USB and DC output.



1. Connect the USB or Type C cable (included with the accessory) to both the accessory and the USB or Type C port on the portable Powerstation.
2. Short press the USB button to turn OFF the USB output.

12V DC JACK

The Powerstation is equipped with 2 x 12V DC jack and can be used to operate 12V DC devices (maximum total 1 Amp).

Short press the USB button to turn on the USB and DC output.

Press it again to turn off the USB and DC.

12V DC jack is protected by an internal circuit breaker to prevent damage to the unit in case the device has a short circuit or exceeds 1 AMP. If circuit breaker is tripped, disconnect the device and have it checked. Circuit breaker will automatically reset once it's cools down. (approx. 15-20 minutes).

12V DC PORT

The Powerstation features a 12 DC Cigarette light and a 12V DC Jack, enabling it to power most 12-Volt auto accessories and appliances (up to 11 AMPs) that use a cigarette lighter plug. To activate the USB and DC output, simply short-press the USB button, then connect your appliance to the socket.

Note: The 12V DC socket is also controlled by the USB button to help reduce self-discharge. The operating time depends on the battery condition and the appliance's current draw. Regularly monitor the battery voltage status ("VDC") during use and stop immediately if the voltage drops to 11V.

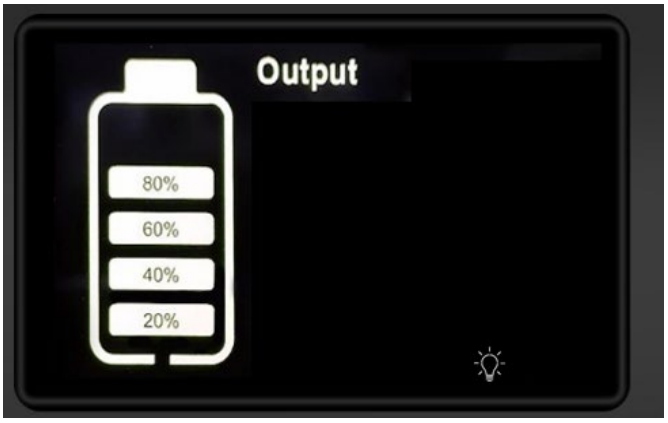
Recharge the unit as soon as possible before further use.

The 12V DC port is protected by an internal circuit breaker to prevent damage in the event of a short circuit or if the appliance exceeds 11 AMPs. If the circuit breaker trips, disconnect the appliance and inspect it. The breaker will automatically reset after cooling down (approximately 15-20 minutes).

DO NOT PLUG A CIGARETTE LIGHTER INTO THE POWERSTATION'S OUTLET.

LED WORKLIGHT

Short press the LED switch to turn on the LED light. Press again to turn off.



VI. JUMPSTARTING AN ENGINE

1. Make sure all the switches of are in “OFF” position. The unit must be fully charged to jump-start an engine. Do not attempt to jump-start an engine if the “VDC” reading of the Powerstation is < 12V when you press the display button as this could permanently damage the battery.
2. Turn off the ignition and all accessories (lights, radio, heater, air conditioning, etc.) in the vehicle with the weak battery that won’t start.
3. Put the vehicle in park and engage the handbrake
4. For maximum power, turn off all switches on your Powerstation and disconnect any accessories plugged into the 12-Volt power outlets.
5. Ensure that the vehicle is negatively grounded (as is the case with most vehicles).
6. Securely connect the external battery connection cable red positive clamp to the positive (+) terminal of the vehicle battery. Then, securely connect the black clamp to a grounding point on the vehicle such as the metal frame, as far away from the battery as possible. DO NOT connect it to the negative battery terminal. Make sure both clamps have good and correct polarity connection before connecting the other end of the External Battery Connection Terminal to the Powerstation.

   Note: Avoid placing the Powerstation in a location where it could fall when the vehicle starts. Ensure that cables are kept clear of the motor fan or belts.
7. Start your vehicle.
8. After the vehicle starts, disconnect the external battery connection terminal from the Powerstation by removing the black clamp first, followed by the red clamp. Restore the cables and recharge the unit as soon as possible.

   Note: When starting vehicle, crank engine in 5-6 second bursts. If vehicle does not start-up within 2-3 attempts, allow the battery to cool for 3 minutes before attempting to start the vehicle again. Retry only if battery condition is below 80%.

BATTERY SAFETY

When the External Battery Connection Terminal is connected to the Powerstation, never allow the positive and negative booster clamps to come into contact with each other (or a common piece of metal) at any time. Otherwise, it will short-circuit the battery and it will cause explosion and damage to your car.

When jump-starting a vehicle, make sure that the positive and negative clamps are properly connected to the vehicle and battery. Failure to connect the clamps properly may cause sparking, an explosion or damage to the unit. Always wear eye protection when working with batteries.

If battery acid comes into contact with eyes, flush the eyes with water for at least 10 minutes. Seek medical attention immediately.

If skin or clothing comes into contact with battery acid, immediately wash the affected area with soap and water. Seek medical attention.

Be sure to remove all metal items (watches, necklaces, rings, etc.) before using the Jump-start System. Always turn OFF the Powerstation when not in use. Store in cool, dry place.

VII. MAINTENANCE INSTRUCTIONS

All batteries lose charge with time. AC recharge is recommended after every use or every three months when not in frequent use. Use the AC charger and charge for the recommended time.

If the unit gets dirty, gently clean the outer surfaces with a soft cloth moistened with a mild solution of water and detergent. Do not use solvents or other chemical cleaners. Periodically check the condition of the charging adapters, connectors, and wires. Replace any components that may have become worn or broken. These parts are not serviceable. Do not open or disassemble. Service for Powerstation units is confined to replaceable parts only. All other servicing should be performed by a qualified service technician only.

VIII. MOVING AND STORAGE INSTRUCTIONS

Switch off all the Powerstation's power switches when not in use, and store it in a cool, dry place.

Fuse Replacement – 12Volt adapter plug

This 12-volt plug contains a 2A fuse in the tip. If the fuse needs replacement, unscrew the end cap and insert a new 2A fuse.

CAUTION: For continued protection against risk of fire, replace only with same type and rating of fuse

WARNING! EXPLOSION HAZARD

Do not expose the battery to fire or extreme heat, as it could explode. The battery contains acid; if the casing becomes cracked, dispose of it immediately while taking proper safety precautions to avoid injury or damage to people or property.

IX. TROUBLE SHOOTING GUIDE

AC Power Supply Problems

Problem	Possible Cause	Solution
The AC unit is not functioning.	1. The AC product is consuming more than 400W. 2. The AC product is rated below 400W, but a high starting surge has triggered the safety overload. 3. The battery has discharged to 9V ± 0.3V.	1. Use an AC product with a power rating below 400W. 2. Use an AC product with a starting surge that does not exceed the 800W surge capacity of the powerstation. 3. Turn off the AC outlet and recharge the powerstation.
Overload shutdown	The appliance's power requirements exceed the capacity of the power station.	Unplug the appliance and verify that its power requirement is 400W or less before attempting to restart it.
Over temperature shutdown	The inverter has overheated due to insufficient ventilation or excessively high ambient temperatures.	Turn off the AC Outlet On/Off switch and allow the power station to cool for at least 15 minutes. Ensure the fan opening is clear of any obstructions and remove any items covering the unit. If needed, move the power station to a cooler location.
Alarm sounds	4. The internal battery is nearly discharged, with a voltage of 10.3V ± 0.3V. 5. If this warning is ignored, the power station will automatically shut down when the battery voltage drops to 9V ± 0.3V.	Recharge the Powerstation
The run time is shorter than expected.	The internal battery may not have been fully charged. The AC device's power consumption is higher than anticipated The battery has been damaged.	Recharge using the AC charger until the battery status read 100%. Check the AC product power or the wattage rating (or current draw for 12V DC appliances). **Note**: Start up load will affect the running time of the unit.

Jumpstart Problems

Problem	Possible Cause	Solution
The engine receiving the boost is not starting.	Powerstation's battery is not fully charged	Recharge the battery.
	The engine condition is poor	
	The engine start capacity exceeds the booster capability of the Powerstation.	Contact Promate Service.

Charging Problems

Problem	Possible Cause	Solution
The charging Status light is off when the AC charger is connected.	NO AC power at the AC wall outlet.	Ensure that power is available at the AC wall outlet.
	Faulty AC charger.	Replace the AC charger.

WARNING! ELECTRIC SHOCK HAZARD

Do not open the housing or disassemble the Powerstation, except when replacing the internal battery. The unit contains no user-serviceable parts, and attempting to repair it yourself could lead to electric shock or burns. Electrical shock or burn.

X. SERVICE INFORMATION

HOW TO ORDER REPLACEMENT PARTS

Even quality-built equipment such as the Powerstation you have purchased will need occasional replacement parts to maintain its good condition over the years.

To order replacement parts and consumable parts, please contact Promate Service (details below) and be ready with the following information:

1. Model No., Serial No. and all specifications that are shown on the Model No./Serial No. plate.
2. Part number or numbers as shown in the Parts List section.
3. A brief description of the trouble with the Powerstation.

LIMITED WARRANTY

Warranty Coverage: Powertech Asia Pacific Inc., (the Company) warrants to the original retail customer that it will repair or replace, free of charge, any parts found by the Company or its authorized service representative to be defective in material or workmanship. This warranty covers the cost of replacement parts and labor for defects in material or workmanship.

Not Covered:

- Shipping/Handling charges for sending the product to the Company or its authorized service representative for warranty service. Shipping/Handling repaired or replaced products back to the customer; these charges must be borne by the customer.
- If a separate operator's manual and engine warranty from the engine manufacturer is included with this product, only that warranty will apply to the engine.
- Damage caused by abuse, accident, the effects of corrosion, erosion and normal wear and tear.
- Warranty is void if the customer fails to install, maintain and operate the product in accordance with the instructions and recommendations of the Company set forth in the owner's manual, or if the product is used as rental equipment.
- The Company will not pay for repairs or adjustments to the product, or for any costs of labor performed without the Company's prior authorization.
- Consumable parts such as battery, spark plugs, and air cleaner.

Warranty Period: One (1) year from the date of purchase on products used solely for consumer applications; if a product is used for business or commercial applications, the warranty period will be limited to ninety (90) days from the date of purchase.

For warranty service, the customer must provide dated proof of purchase and must notify the Company within the warranty period.

EXCLUSIONS AND LIMITATIONS: THE COMPANY MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED. THE WARRANTY SERVICE DESCRIBED ABOVE IS THE EXCLUSIVE REMEDY UNDER THIS WARRANTY; LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES IS EXCLUDED TO THE EXTENT
PERMITTED BY LAW.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow a disclaimer of implied warranties or the exclusion or limitation of incidental and consequential damages, so the above disclaimers and exclusions may not apply to you.

CONTACT THE POWERTECH Asia Pacific Inc.,
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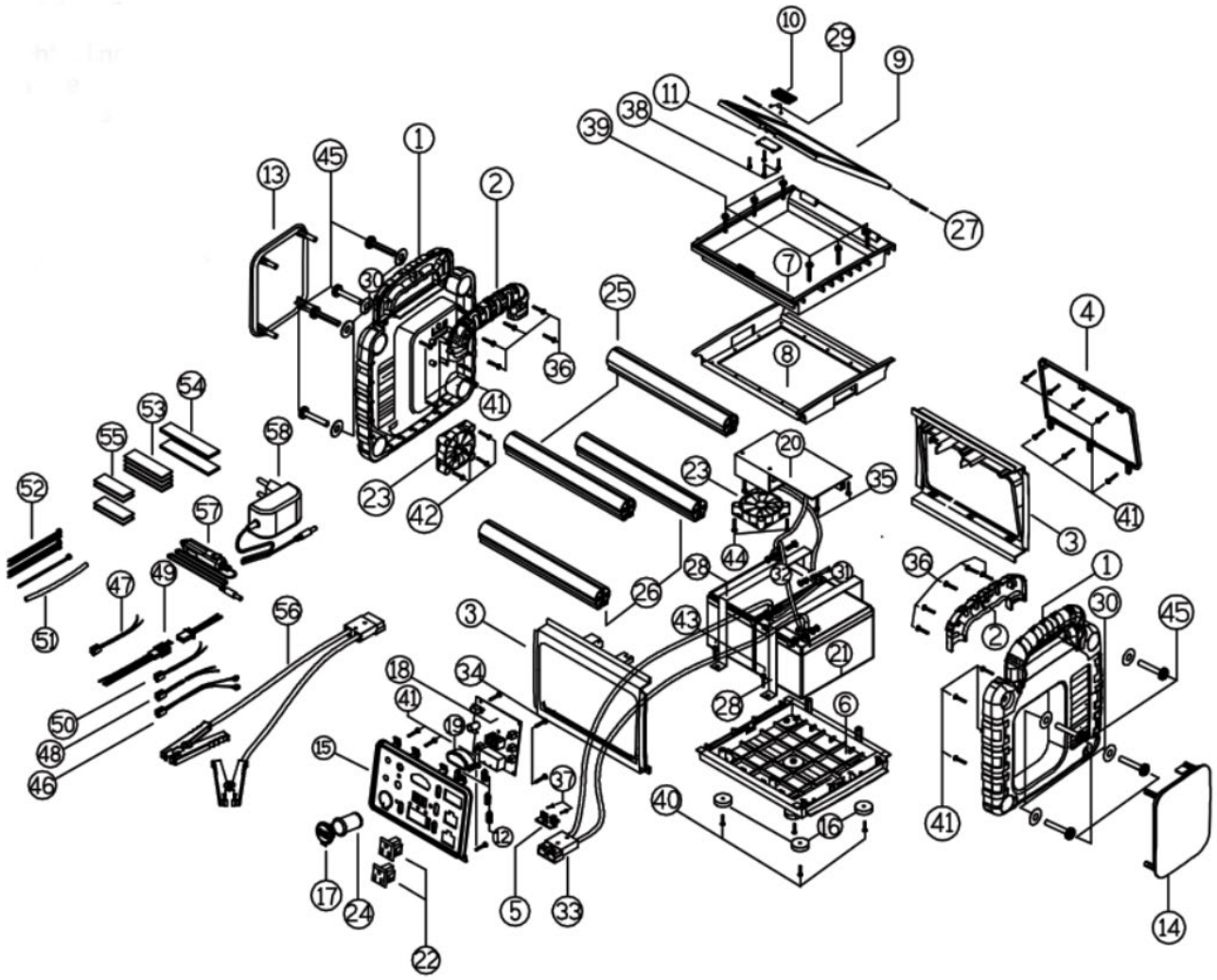
Powerstation Exploded View Mode: Promate240+



NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Left and right side covers	21	12VDC Lead Acid Battery 12 AH x 2	41	Screw PWA3*10
2	Handle cover	22	AC socket	42	Screw PWA3*25
3	Front and rear panel bracket	23	Cooling fan	43	Screw PA3.5*15
4	Rear panel	24	Cigarette lighter cylinder	44	Screw BM3*16
5	Battery charger socket tablet	25	Round aluminum tube	45	Screw TM6*20 D12
6	Bottom cover	26	Special shaped aluminum pipe	46	Power line
7	Middle cover	27	Axel	47	Cigarette lighter line
8	Middle cover bracket	28	Battery pressing plate	48	Light switch line
9	Top cover	29	Push spring	49	Inverter switch line
10	Top cover push	30	Washer	50	Inverter data line
11	Push cover	31	Parallel connection battery red line	51	Heat shrinkable tube
12	Switch button	32	Parallel connection battery black line	52	Cable ties
13	Left side cover panel	33	Battery charger socket line	53	Double sided tape
14	Right side cover panel	34	Screw BA2.3*8	54	Single-sided adhesive tape
15	Front panel	35	Screw BA3*8	55	Single-sided adhesive tape
16	Rubber feet	36	Screw BA3*12	56	Battery charger clip wire
17	Plastic cover of cigarette lighter	37	Screw BA3.5*20	57	DC charger
18	PCB panel	38	Screw KA2*5	58	AC adapt
19	LED lamp transparent cover	39	Screw KA3*10		
20	Inverter board (PCB)	40	Screw PWT3*8		