



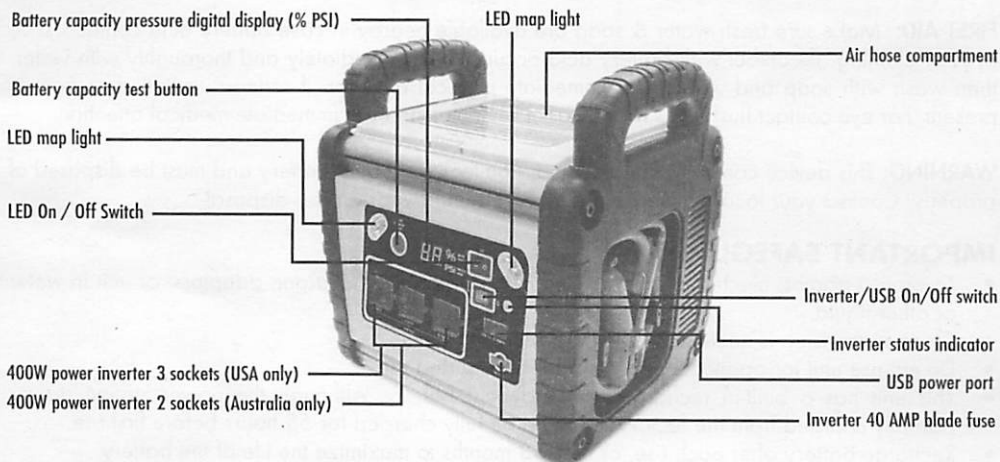
Operating Manual

TITAN 6 in 1 POWER MATE

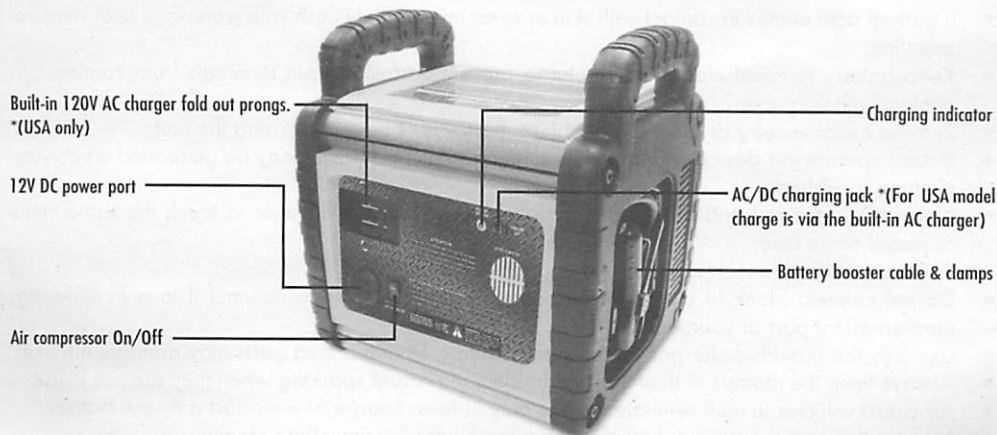
Models: TITAN-533-USA, TITAN-533-AUS

FEATURES: Heavy Duty Power – 700 CCA 22AH

- Emergency Jumpstart
- 100 PSI Air Compressor 99 PSI Digital Meter
- 400W Power Inverter 120V AC USA (230V AC AUS)
- USB Power Port 2.1A output
- 2 x LEDs Map Light
- 12V DC Power Port

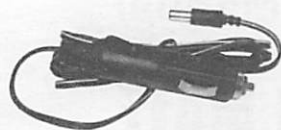


nb: Image depicts TITAN-533-USA model



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ACCESSORIES:



12V DC Charger (For Charging only) DO NOT use this charger during TITAN operation

Set of air valve nozzle adaptors



230V AC Charger
(TITAN-533-AUS only)



IMPORTANT: This product has been carefully engineered and manufactured to give you dependable operation. Prior to use, please ensure that you read and understand all warnings, cautions and instructions included in this instruction manual, and those published by your vehicle battery manufacturer and manufacturer of any device intended to be used with this unit. Please retain this manual for future reference.

FIRST AID: Make sure fresh water & soap are available nearby in case battery acid contacts skin, eyes or clothing. If contact with battery acid occurs, rinse immediately and thoroughly with water, then wash with soap and water. Get immediate medical attention if redness, irritation or pain is present. For eye contact flush eyes for at least 15 minutes and get immediate medical attention.

WARNING: This device contains a fully sealed, non-leak lead-acid battery and must be disposed of properly. Contact your local government recycling authority for proper disposal.

IMPORTANT SAFEGUARDS:

- To protect against electrical hazards or shock, do not allow charger, adaptors, or unit in water or other liquid.
- Close supervision is necessary when used near children.
- Do not use unit for applications other than its intended use.
- This unit has a built-in rechargeable lead acid battery. Although the power station arrives partially charged from the factory, it should be fully charged for 55 hours before first use.
- Recharge battery after each use, or every 3 months to maximize the life of the battery.
- Avoid touching your eyes when working with batteries – always wear eye protection when working with batteries.
- If battery acid comes in contact with skin or eyes, immediately flush with water and seek medical attention.
- Keep battery terminal clean. Be careful to prevent corrosion from terminals from coming into contact with your eyes.
- Remove metal jewelry or other metal objects from your body when using the unit.
- Do not operate this device wearing vinyl clothing. Static electricity may be generated when vinyl clothing is rubbed.
- Never allow the red and black battery clamps to touch each other or to touch the same metal object at same time.
- Always connect the red (+) clamp to the positive terminal first.
- Do not connect black (-) clamp to the negative battery terminal, connect it to a non-moving, earthed metal part of your vehicle.
- Use only the provided chargers, cables and clamps. Unauthorized parts may damage the unit.
- Always keep the clamps in their storage holders to prevent sparking when they are not in use.
- Jumpstart vehicles in well ventilated areas only. Never charge or jumpstart a frozen battery.
- Monitor the pressure gauge during use. Be careful not to over-inflate objects.
- Avoid dropping metal tools on to the vehicle's battery. It may spark or short-circuit the battery or

other electrical part that may cause short circuits or explosion.

- Do not open the power station. There are no user serviceable parts in the unit. Refer to a qualified engineer. Opening the unit will void the warranty.
- Always turn the Jumpstart System off when not in use. Store in cool & dry place
- If the unit is damaged from a heavy impact, seek professional guidance from a qualified engineer before using again.
- If the external flexible cable or cord of the charger (or this Power station) is damaged, it shall be replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- For indoor use only.
- This device contains sealed, non-spillable rechargeable lead acid battery and must be disposed of properly at the end of the product's life. Contact your local authority for advice on the proper disposal/recycling procedure.
- The battery is to be disposed of safely.
- The battery must be removed from the appliance before it is scrapped.
- The appliance must be disconnected from the supply mains when removing the battery.
- To remove the battery, open up the back body casing, disconnect the positive and negative terminal from the battery and remove the battery carefully.

BATTERY STATUS:

- Press and hold the Battery Level Button.
- The Digital Voltage Meter will show the battery remaining percentage.
- Over 90% : Ready to use.
- 85% or below : Charge necessary
- 80% : Charge immediately

CHARGING YOUR JUMPSTART SYSTEM:

This unit has a maintenance free, built-in sealed rechargeable lead acid battery. Although the jumpstart system arrives partially charged from the factory, it must be fully charged for 55 hours before first use, even if the battery status lights indicate a "Full" charge. This initial charge pre-conditions the battery and will provide optimum performance in the future. Failure to follow this procedure may permanently damage the battery.

A. AC Charging At Home USA / Canada

1. Keep all the Switches in OFF position while charging. For TITAN-533-USA /Canada only , unfold the internal AC Charger prongs located in the back panel of unit.
2. For TITAN-533-USA, attach a 18 gauge (AWG) or larger wire gauge and 50 ft. (15m) or shorter extension cord to the AC charger prongs on the unit. (USA/Canada only, Extension cord is not included).
3. Connect the other end of the extension cord into the 120V AC mains socket.
4. To disconnect for USA/Canada - Unplug the extension cord from the 120 Volt mains socket first and then unplug the other end of the extension cord from the AC charging prongs.
5. Fold back the prongs to the original stowed position.

AC Charging At Home Australia

1. Keep all the Switches in OFF position while charging. Use a standard domestic AC mains power socket for charging.
2. Use only the charger provided with unit.
3. Plug the AC charging cord into any standard wall outlet and the other end into the AC/DC charging input socket.
4. Unplug the AC charger from the 230 Volt mains socket. Then unplug the AC charger jack from the AC charger jack socket.

USA, Canada and Australia

Ensure that charging takes place in a well-ventilated area and in an area where the charging status can be regularly monitored. Fully charge the unit according to the following charging schedule:

First time charge:55 hours

Recharge and subsequent charge: 50 hours

OR recharge until the battery charge level displays: ... FL (Fully charged digital meter shows "FL")

When battery voltage drops $\leq 10.5V \pm 0.3V$ the digital meter will show "LO" and you must recharge the power station immediately.

B. 12 Volt DC Charging In your vehicle with 12 Volt DC charger:

1. Keep all the Switches in OFF position while charging.
2. Insert the 12 Volt Plug with LED power indicator into the vehicle cigarette lighter socket or 12 Volt DC accessory port.
3. Connect the other end of the 12 Volt DC charger into the charging jack on the back of the unit.
4. Fully charge the unit international battery for 12 to 14 hours while vehicle engine is running.
5. Unplug the 12 Volt DC charger from the vehicle cigarette lighter or 12 VDC accessory port first and then remove the end of the 12 volt DC charger from the unit.

JUMPSTARTING:

WARNING: Vehicles equipped with on-board computers may be affected if the engine battery is jump-started. Read your vehicle owner's manual before attempting to start the vehicle to determine if external starting assistance can be used. Failure to follow these instructions may cause damage or explosion. Use safety glasses to protect eyes while jump-starting a battery.

1. Turn the vehicle ignition OFF. Turn off all your car's accessories such as lights, radio, air conditioning, etc. to avoid further drain of the battery.
2. Engage the handbrake or for vehicles with automatic transmission engage the PARK position.
3. Make sure all switches on the Jumpstart System are turned OFF.
4. Securely connect the Red (+) clamp to your vehicle battery's positive Red (+) battery terminal.
5. Do not connect a clamp to the negative vehicle battery terminal. Connect the black (-) clamp to a non-moving, earthed metal part of the vehicle.
6. **WARNING: CAREFULLY CONNECT the TITAN Power Mate clamps to the proper battery polarity. Refer to 4. and 5. above. Explosion / sparks may occur from incorrect polarity connection!**
7. Try to start your vehicle. If your vehicle does not start after the first attempt, wait 3 minutes before trying again. (Failure to wait may damage Jumpstarter) **CAUTION: Excessive engine cranking can damage vehicle starter motor. If the engine turns, but fail to start after several attempts, other technical problem(s) might be involved. Cease cranking the engine until the other problem is determined and corrected.**
8. When the vehicle starts disconnect the black negative clamp first and then the red positive clamp. Place the clamps back in to their storage holders.

110V (USA only) or 230V (AUS only) 400 WATT AC INVERTER

1. Prior to connecting inverter, make sure the inverter switch is in OFF position.
2. Prior to plugging a device into the AC socket, ensure the device is OFF and the current drawn of the device does not exceed the max. power of 400 watt.
3. Insert the device electrical plug into the inverter's socket.
4. To Power ON and operate the AC device, press the inverter power switch to ON (I) position. If the inverter is working properly, a green LED indicator will illuminate. Now turn ON the device power switch. If the green indicator remains on, then the system is operating properly. If the inverter's RED LED light turns ON, turn off the device and turn off the inverter immediately. Refer Trouble Shooting Guide for possible causes. The inverter may be over loaded or the input voltage may be too low.
5. To Power Off AC Device, 1st power OFF device, then set inverter power switch to OFF (O) position.

CAUTION: Some rechargeable devices are equipped with a separate charger, which can be connected into this inverter's AC socket. However, certain rechargeable devices are manufactured with built-in chargers (see device owner's manual). Such category of devices may cause internal damage to inverters and should not be used with this inverter. The temperature of the device must be monitored for the first 15 minutes of operation. Abnormally elevated temperature of any connected device is an indication that they should not be used with this inverter.

TROUBLE SHOOTING GUIDE

Problem	Possible Cause	Preferred Remedy
Lack of power output	<ol style="list-style-type: none"> 1. Power station voltage immediately. 2. Excessive current drawn 3. Inverter not completely warmed up. 4. Inverter fuse blown. 	<ol style="list-style-type: none"> 1. Recharge the Power station below 12 volt. 2. Reduce load to maximum 400 watts. by appliance being operated. 3. Turn OFF the device and inverter. Disconnect device. Turn the inverter ON and leave minimum running a of 2 minutes. Turn OFF inverter, quickly plug in device to inverter making sure device is OFF prior to connection. Turn ON the inverter and the device. 4. Replace a new 40 AMP rated fuse. To replace fuse: REMOVE fuse with a needle nose pliers and replace with a new 40 AMP fuse.
LED light OFF	<ol style="list-style-type: none"> 1. Inadequate power or excessive voltage drop. 2. Inverter is overloaded. 	<ol style="list-style-type: none"> 1. Check power station and recharge if voltage drops below 12 volt. 2. Replace load to maximum of 400 watts.
Television/Power Tool will not start	<ol style="list-style-type: none"> 1. High surge wattage requirement to start-up. 	<ol style="list-style-type: none"> 1. Toggle the On/Off switch in quick succession a total of 5 times in order to generate the necessary power to start the device. If the device does not turn on or start up in 5 cycles of ON/OFF trials. This inverter will not work with the device.
Television Interference	<ol style="list-style-type: none"> 1. Picture breaking up (snow). 	<ol style="list-style-type: none"> 1. Place the inverter (power station) as far as possible from TV, the antenna and the coaxial cable. 2. TV station may be out of range.
Static/Noise interference in audio system	<ol style="list-style-type: none"> 1. Sound system has weak alternating current shielding. 	<ol style="list-style-type: none"> 1. Do not use inverter with low quality audio AC filtering system. 2. Replace audio system with high quality noise filtering.

AIR COMPRESSOR OPERATING INSTRUCTIONS:

CAUTION

- Do not operate the Air compressor more than 10 minutes continuously. Allow the compressor to cool down for 10 to 15 minutes between each continuous operation.
- Review the products to be inflated for manufacturer's recommended maximum inflation pressure. Most tires are recommended to be inflated between 27 to 38 PSI.
- Always check air inflation pressure with a separate reliable pressure gauge during and after inflation.

A. TO INFLATE TIRES:

1. Open the Compressor air hose compartment door on the top of the Power Station and pull out the air hose. Make sure the nozzle locking lever is in the UP position.
2. Remove the valve cap from the tire valve stem.
3. Attach the compressor air valve nozzle onto the tire air valve stem and push down the air valve nozzle as far as it travels. Make certain it is seated properly.
4. Press the nozzle locking lever down fully to securely lock the tire air valve stem.
IMPORTANT: If tire is completely deflated, take the weight of the vehicle off the flat tire. Use a recommended rated lifting jack stand to raise the vehicle before inflating the tire.
5. Turn the compressor switch located on the back panel of the Power station to ON position.
6. Monitor the device pressure on the compressor air pressure digital display in PSI (Pound per Sq.Inch) while inflating.
7. Turn OFF the compressor when the desired tire air pressure is reached.
8. Disconnect the air hose nozzle from the tire air valve stem by lifting nozzle locking lever to the UP position.
9. Replace the tire valve cap onto the tire valve stem.
10. Stow the air hose into the compressor air hose compartment.

B. TO INFLATE BALLS / AIR MATTRESSES / RUBBER RAFTS:

1. Open the Compressor air hose compartment door on the top of the Power Station and pull out the air hose. Make sure the nozzle locking lever is in the UP position.
2. Remove the valve cap from the inflatable valve stem.
3. Attach the appropriate valve stem adaptor to the air hose nozzle.
4. Press down the nozzle locking lever all the way down to securely locked the valve stem adaptor.
5. Attach the compressor air valve nozzle with the valve stem adaptor onto the air valve stem of the inflatable and push down the air valve nozzle as far as it travels. Make certain it is seated properly.
6. Turn the compressor switch located on the back panel of Power station to ON position.
7. Monitor the pressure on the compressor air Digital Display while inflating.
8. Turn OFF the compressor when the desired tire air pressure is reached.
9. Disconnect the air hose nozzle from the air valve stem.
10. Replace the valve cap onto the valve stem.
11. Stow the air hose into the compressor air hose compartment.

USB POWER PORT

NOTE: Prior to connecting the accessory (MP3 players, cellular phone, etc.), make sure that the USB port On/Off power switch is in the OFF position.

1. Remove the protective cover of USB outlet on power station and connect the USB interface cable (provided with the accessory) into the accessory and the Portable Power Station USB port.
2. Press the USB Port On/Off switch to the ON (II) position. Turn on the accessory.

12 VOLT DC POWER PORT

Important: The 12 Volt DC power port is rated at 10 Amp. DO NOT connect device (s) that require higher amperage to operate. This device(s) will cause the internal circuit breaker to open.

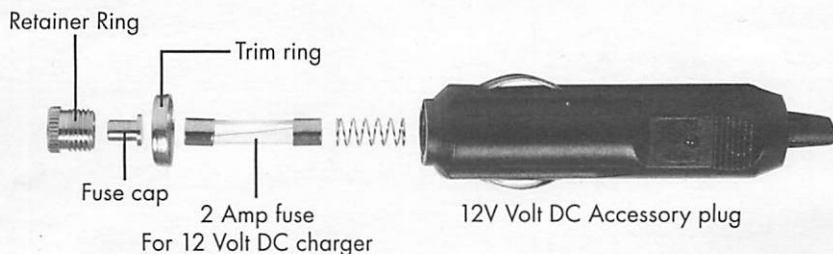
1. Remove the protective cover from the 12 volt accessories socket.
2. Plug in your 12 volt accessory.
3. Power ON and operate the 12 volt DC device.
4. The length of time for which a connected device can be powered will depend on the battery charge status of your power station and also the amount of current required by the device which you are powering.

LEDs MAP LIGHT

1. Turns the LED map light power switch to ON position.
2. 2 sets of 2 x LEDs will illuminate.
3. Turn OFF when not in use.

12 VOLT DC CHARGER FUSE REPLACEMENT:

TO REPLACE FUSE: UNSCREW RETAINER RING



STORAGE:

This unit should be stored in upright position. Ensure the clamps are secured inside the booster cable storage holders. Store at room temperature.

If not used for a prolonged period of time, recharge it every 3 months to maximize the life of the battery.

SPECIFICATIONS

- | | |
|----------------------------|--|
| 1. Built-in Battery : | 12-Volt 22Ah Rechargeable lead acid battery |
| 2. Inverter : | 400 Watt (Peak : 800 Watt/0.3 sec.) |
| 3. Compressor : | 100 PSI (LCD displays 99 PSI) |
| 4. 12V Power Port Rating : | 12-volt 10A max. |
| 5. USB Power Port Rating : | 5-volt 2100mA |
| 6. Map Light : | 2 set of 2 x LEDs |
| 7. Charging time : | 50 hours via AC charger
12-14 hours via DC in-vehicle charger |

BATTERY DISPOSAL

WARNING

- Do not dispose of battery in fire, as this may result in explosion
- Before disposing of battery, protect exposed terminals with heavy-duty electrical tape to prevent shorting (shorting can result in injury of fire.)

