

THE MOST POWERFUL PORTABLE DUAL BATTERY BOX ON THE MARKET

TOUGHPOWER

With Dual Battery Bypass Control, Direct Bulk Charging & DC-DC Charging

THE ONLY PORTABLE POWER BOX WITH:

- Automatic low-voltage Shutdown *and Recovery*
- Monitors and displays ALL charging inputs
- Full Battery Protection
- With a built-in:
 - 10A Mains Charger
 - 10A DC-DC Charger
 - MPPT Solar Controller



1000W
PURE SINE WAVE
INVERTER

DUAL
BATTERY
COMPATIBLE

4x 12V DC
OUTLETS

LITHIUM
BATTERY
COMPATIBLE

12
MONTH
WARRANTY

TP-1000DUAL

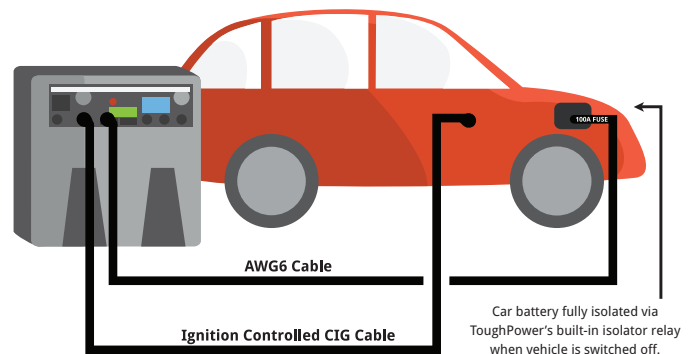
For: 12V Deep Cycle Lead Acid & Lithium LiFePO4 Batteries

intelliQuip **TOTALLY OUT THERE**
intelliquip.com.au

Designed by Aussies for Aussies. Optimum power performance & reliability for Australia's toughest conditions.

INTRODUCTION

The Dual Battery Bypass Controller provides bulk charge to your ToughPower's battery directly from your vehicle's alternator - providing maximum charging current while you drive!

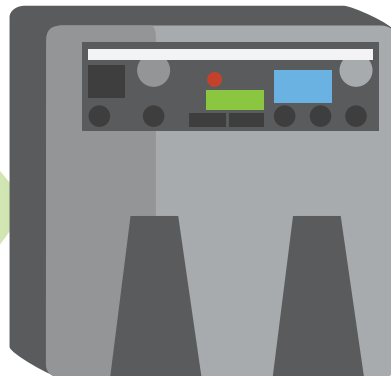


Simply connect the ToughPower to your car via an ignition controlled CIG socket and an AWG6 cable connected to your vehicle's battery (with 100A fuse), turn the ToughPower on, and let the ToughPower handle the rest!

FEATURES

CHARGING INPUT

- 240V Mains via 3-Pin Socket
- 12V Solar Panel
- Vehicle via CIG Socket
- Vehicle via CIG Alternator
- External via Anderson



POWER OUTLETS

- 1000W Pure Sine Wave Inverter 240V
- 50Amp 12V Anderson Connector
- 12V CIG Socket
- 12V Engel Socket
- 12V Merit Socket
- 2x Independent 2.5Amp USB Ports

LCD TOUCH SCREEN



The ToughPower's LCD touch screen extends the already feature rich functionality it offers. It provides an intuitive interface that gives you:

- Full Battery Monitoring Information
 - Displays all charging inputs
 - Displays all power usage loads
- One touch dimmable LED Camp lighting
- Live Data and Usage Logs on Input/Output
- Timer Functionality on the Inverter

WHAT SETS THE TOUGHPOWER APART?



1000 Watt Inverter 240V

Continuous 1000W Pure Sine Wave Inverter with a 2000W peak. That means you can power a toaster, coffee pod machine or even an angle grinder!



Compatible with Lithium and All Traditional Deep Cycle Batteries!

Compatible with Lead Acid, AGM, Gel, Calcium & Lithium LiFePO4 batteries, just ask your retailer to set it up for you!



Fastest Charging Portable Power Box on the Market!

Features the fastest built-in 10A Mains Charger and 10A DC-DC Charger with bulk charging via Dual Battery Setup for faster recharge!



Use with any 12V Nominal Solar Panel

Compatible with any 12V nominal solar panel and features a built-in MPPT Solar Controller.



Full Protection

The ToughPower provides full electronic protection to all your outlets, and ensures all connected appliances remain safe without the need for any fuses!



Battery Protection

The ToughPower provides protection against over voltage and low voltage, keeping your battery healthier for longer.

AUTOMATIC LOW VOLTAGE SHUTDOWN AND RECOVERY

Unlike other portable battery boxes on the market, ToughPower switches off all outlets when the battery's voltage is low to protect your battery. And unique to the ToughPower, it automatically reconnects power to your devices after charging power has returned! What does this mean for you? If you're out camping and it turns off overnight due to low voltage, it will automatically reconnect power to your fridge in the morning when the sun reaches your solar panel!

CONTINUOUS POWER TO THE PURE SINE WAVE INVERTER

No doubt you're going to test your Toughpower's limits. Have peace of mind knowing that with the Dual Battery Bypass Control setup, if you run the TP-1000_{DUAL} battery flat, you can still power devices attached to the ToughPower from your vehicle's alternator!

If you want to run a toaster, pod coffee or angle grinder from the Inverter, don't flatten the ToughPower battery, simply turn your vehicle on and immediately continue using the ToughPower at its full capacity!

MODEL RANGE COMPARISON

Feature Description	TP-600	TP-1000	TP-1000 ^{DUAL}
Lead Acid, AGM, Calcium, GEL battery types	X	X	X
Lithium LiFePO4 battery		X	X
Concealed Key Switch battery type selection	X	X	X
Reverse Battery Protection	X	X	X
Battery Bank Compatible	X	X	X
Touch Screen real-time interactive LCD Display	X	X	X
Charging Inputs - Monitoring & LCD Display			
Solar/Car: <i>Shared input Socket</i>	X	X	
Car			X
Solar			X
Mains	X	X	X
External	X	X	X
Dual Battery			X
Voltage & Current - Charging & Usage Logs		X	X
MAINS AC-DC Mains Charger - Built-in			
Input: 100-240VAC 50/60Hz 2A / Output: 12VDC 10A	X	X	X
CAR Input: 8-16VDC 10A DC-DC Charger - Built-in	X	X	X
SOLAR MPPT Controller (10A) - Built-in	X	X	X
All 12V Nominal Solar Panels (Max Voc = 25V)	X	X	X
Low Voltage Protection & Recovery Mode	X	X	X
Over Voltage & Over Temperature Protection	X	X	X
Dual Battery Bypass Controller			X
Car Alternator Bulk Power Supply to Inverter			X
Pure Sine Wave Inverter - Integrated inside Lid			
500W Continuous Power, 1200W Peak Power	X		
1000W Continuous Power, 2000W Peak Power		X	X
Pure Sine Wave Inverter - Timer auto turn-off		X	X
USB - fast charge 2 x independent 5VDC 2.5A	X	X	X
LED Lighting - One touch control	X	X	X
High Current 12VDC ANDERSON Outlet	2	2	1
50 Amp - protected with Self Resetting Circuit Breaker	X	X	X
Low Current 12VDC Outlets			
Merit	1	1	1
Engel	1	1	1
CIG	1	1	1
15 Amp - protected with Manual Reset Circuit Breaker	X	X	X
Mains Charging 1m Kettle Cord Accessory Lead	X	X	X
Car Charging 4m Accessory Lead	X	X	X
Solar Charging 2m Accessory Lead			X
General Specifications			
External Dimensions: 394mm x 215mm x 406mm (L x W x H)			
Operating Temperature: 0 - 50°C			
Battery 'Space Claim': 344 x 179 x 249 mm (L x W x H) - will fit most deep cycle 80Ahr -120Ahr Batteries			
Weight: TP-600 4.5kg, TP-1000 5.6kg, TP-1000 ^{DUAL} 5.7kg <i>battery not included</i>			

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